

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101969.D
 Acq On : 9 Jan 2018 22:51
 Operator : SJ/JU
 Sample : J1043-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 00:06:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	212894	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	761930	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	261742	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	424750	20.00	ng	0.00
75) Chrysene-d12	13.88	240	413198	20.00	ng	0.00
86) Perylene-d12	15.30	264	284622	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1470654	97.55	ng	0.02
7) Phenol-d6	6.36	99	1665037	92.56	ng	0.01
23) Nitrobenzene-d5	7.29	82	983648	75.86	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	203095	88.91	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1112979	66.43	ng	0.00
78) Terphenyl-d14	12.83	244	842589	42.34	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	466	0.062	ng	# 20
3) Pyridine	3.08	79	126	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.03	42	146	0.017	ng	# 1
6) Aniline	6.37	93	2261	0.089	ng	# 1
8) 2-Chlorophenol	6.51	128	531	0.035	ng	# 1
9) Benzaldehyde	6.27	77	1850	0.148	ng	94
10) Phenol	6.37	94	87198	4.289	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	2018	0.130	ng	# 1
12) 1,3-Dichlorobenzene	6.73	146	128	0.007	ng	# 1
13) 1,4-Dichlorobenzene	6.73	146	128	0.007	ng	# 1
14) 1,2-Dichlorobenzene	6.88	146	456	0.028	ng	# 1
15) Benzyl Alcohol	6.88	79	17046	1.296	ng	# 35
16) 2,2'-oxybis(1-Chloropropan	7.06	45	291	0.010	ng	70
17) 2-Methylphenol	6.99	107	120	0.009	ng	# 11
18) Hexachloroethane	7.26	117	115	0.019	ng	# 1
19) n-Nitroso-di-n-propylamine	7.29	70	132237	11.218	ng	# 85
20) 3+4-Methylphenols	7.13	107	1488	0.091	ng	83
22) Acetophenone	7.13	105	1175	0.064	ng	# 24
24) Nitrobenzene	7.29	77	3658	0.263	ng	# 36
25) Isophorone	7.29	82	981343	38.304	ng	# 64
27) 2,4-Dimethylphenol	7.69	122	127	0.012	ng	# 12
28) bis(2-Chloroethoxy)methane	7.76	93	139	0.009	ng	# 49
31) Naphthalene	8.03	128	7830	0.206	ng	# 92
32) Benzoic acid	7.69	122	127	0.015	ng	# 58
33) 4-Chloroaniline	8.03	127	1003	0.062	ng	# 9
35) Caprolactam	8.43	113	161	0.045	ng	# 37
36) 4-Chloro-3-methylphenol	8.55	107	128	0.011	ng	# 20
37) 2-Methylnaphthalene	8.72	142	4430	0.177	ng	86
45) 1,1'-Biphenyl	9.19	154	3998	0.173	ng	98
46) 2-Chloronaphthalene	9.48	162	668	0.037	ng	# 1
47) 2-Nitroaniline	9.39	65	130	0.024	ng	# 2
48) Acenaphthylene	9.62	152	4219	0.148	ng	96
49) Dimethylphthalate	9.48	163	107492	5.119	ng	100
50) 2,6-Dinitrotoluene	9.48	165	1353	0.323	ng	# 28

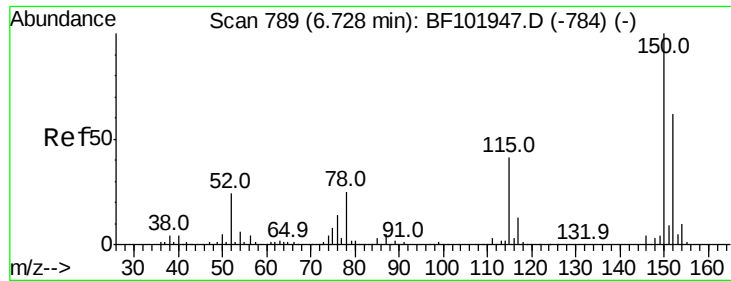
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
 Data File : BF101969.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	9.79	154	3194	0.185	nq	88
54) Dibenzofuran	9.96	168	2629	0.111	nq	# 88
55) 4-Nitrophenol	9.86	139	140	0.035	nq	# 60
56) 2,4-Dinitrotoluene	9.76	165	34561	6.574	nq	# 23
57) Fluorene	10.31	166	2885	0.176	nq	# 86
59) Diethylphthalate	10.18	149	2516	0.120	nq	# 93
61) 4-Nitroaniline	10.51	138	119	0.024	nq	# 19
62) Azobenzene	10.47	77	790	0.038	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	416	5.821	nq	# 1
65) n-Nitrosodiphenylamine	10.42	169	935	0.059	nq	# 70
66) 4-Bromophenyl-phenylether	10.55	248	12816	2.857	nq	# 1
70) Phenanthrene	11.27	178	57388	2.313	nq	95
71) Anthracene	11.32	178	13028	0.518	nq	98
72) Carbazole	11.47	167	5911	0.239	nq	97
73) Di-n-butylphthalate	11.81	149	2805	0.092	nq	# 80
74) Fluoranthene	12.45	202	107083	4.387	nq	98
76) Benzidine	12.83	184	10901	0.546	nq	# 92
77) Pyrene	12.68	202	102254	2.800	nq	98
79) Butylbenzylphthalate	13.30	149	2383	0.142	nq	# 32
80) Benzo(a)anthracene	13.87	228	50932	1.932	nq	96
81) 3,3'-Dichlorobenzidine	13.86	252	144	0.015	nq	# 1
82) Chrysene	13.90	228	51199	1.862	nq	96
83) Bis(2-ethylhexyl)phthalate	13.87	149	49799	2.590	nq	# 99
84) Di-n-octyl phthalate	14.49	149	1472	0.046	nq	# 64
85) Indeno(1,2,3-cd)pyrene	16.67	276	15143	0.757	nq	# 81
87) Benzo(b)fluoranthene	14.89	252	62738	3.381	nq	# 87
88) Benzo(k)fluoranthene	14.89	252	62738	3.504	nq	# 90
89) Benzo(a)pyrene	15.23	252	27055	1.620	nq	# 82
90) Dibenzo(a,h)anthracene	16.69	278	4635	0.348	nq	# 44
91) Benzo(g,h,i)perylene	17.08	276	17448	1.300	nq	# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

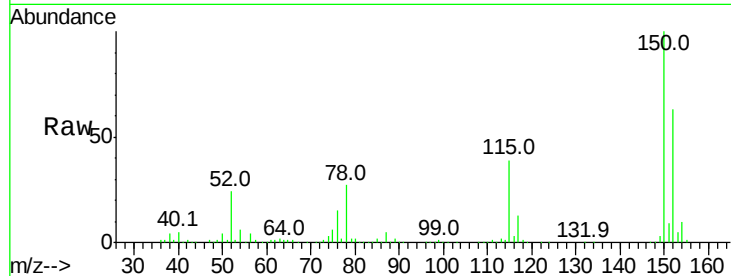


#1

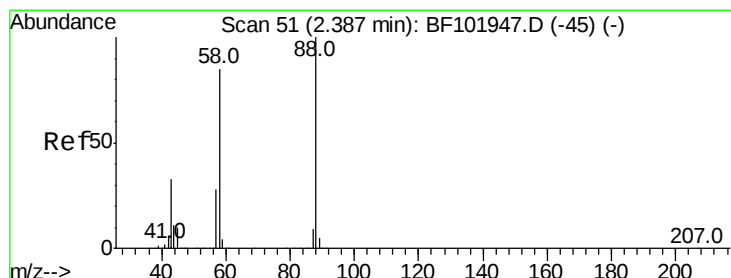
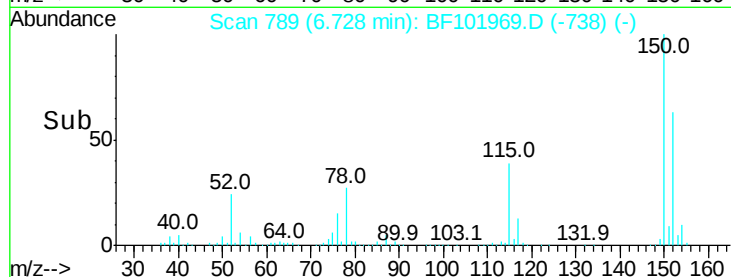
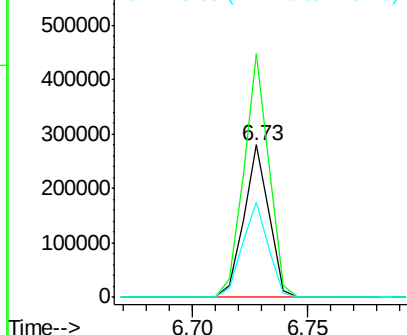
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 212894
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 62.2 50.1 75.1



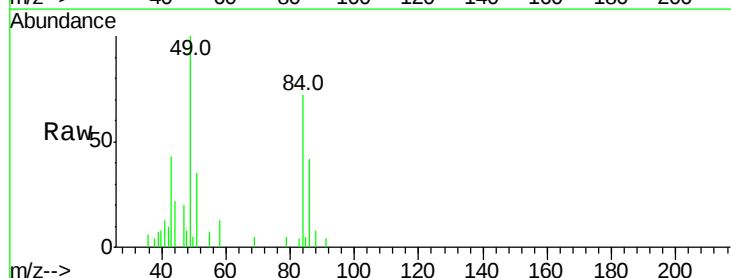
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



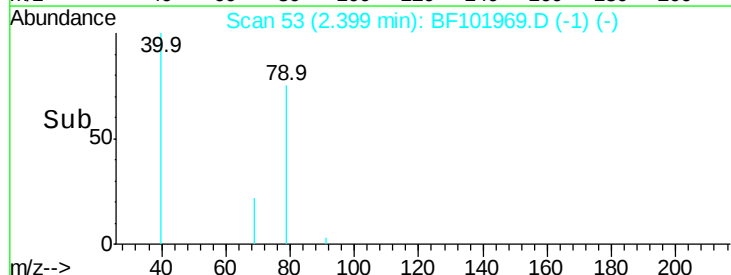
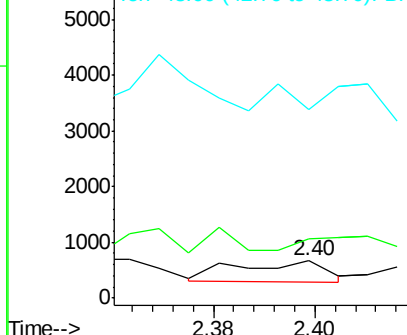
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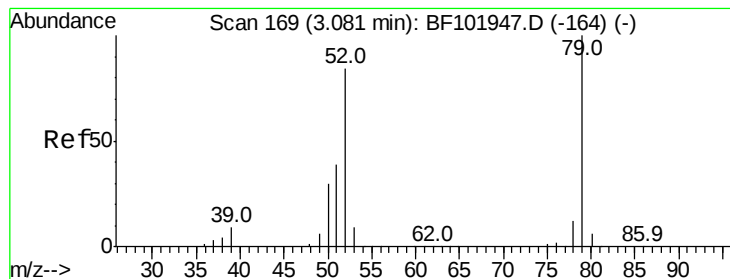
1,4-Dioxane
Concen: 0.062 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion: 88 Resp: 466
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 0.006 ng

RT: 3.08 min Scan# 168

Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampled :

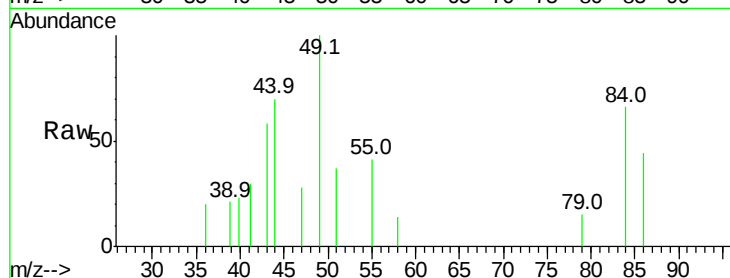
Tot Ion: 79 Resp: 126

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

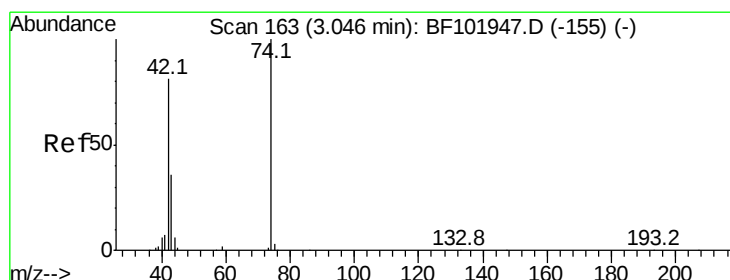
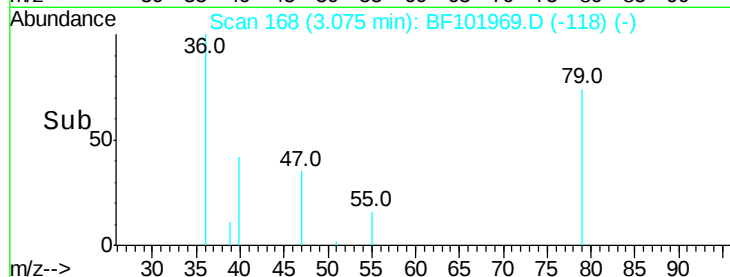
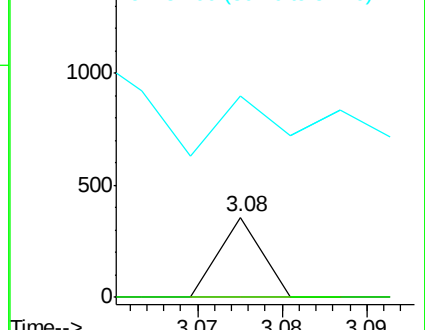
51 251.8 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 0.017 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.02 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

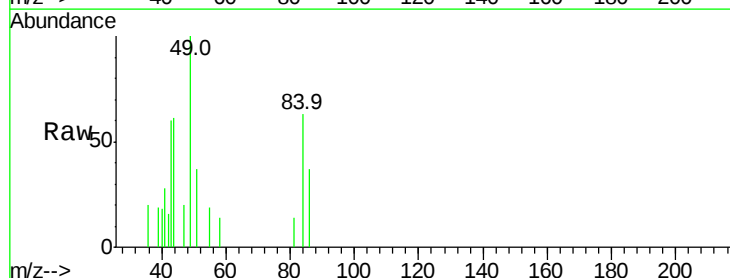
Tgt Ion: 42 Resp: 146

Ion Ratio Lower Upper

42 100

74 0.0 104.9 157.3#

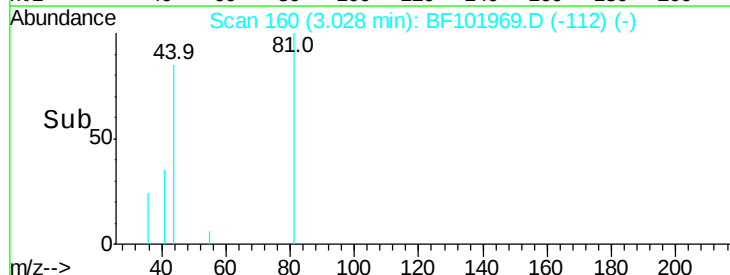
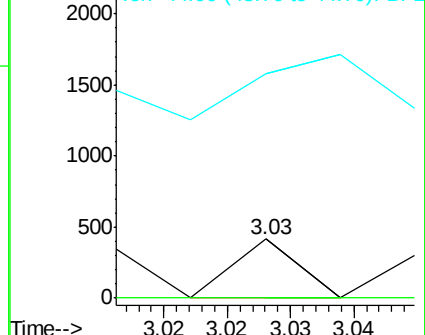
44 380.7 6.9 10.3#

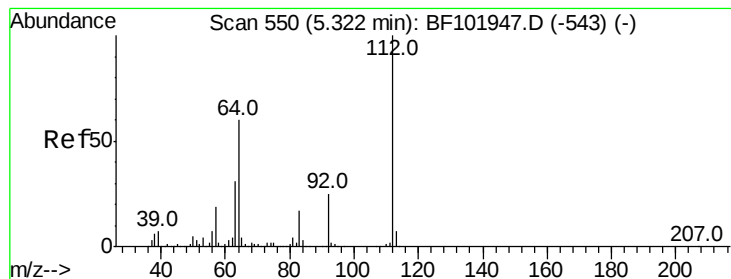


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 97.545 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

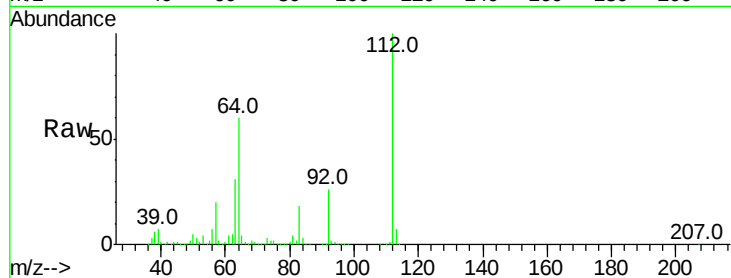
Tot Ion:112 Resp: 1470654

Ion Ratio Lower Upper

112 100

64 60.1 47.9 71.9

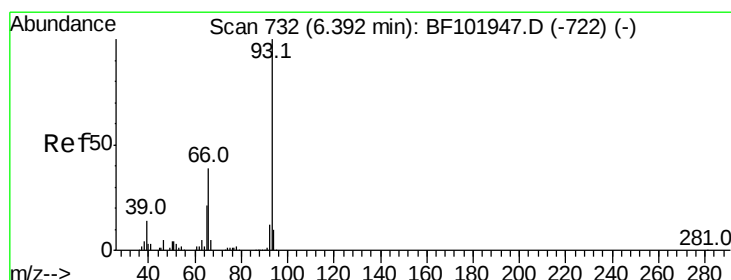
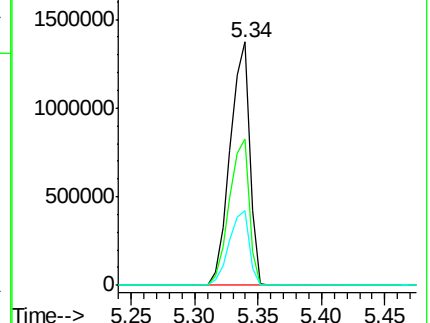
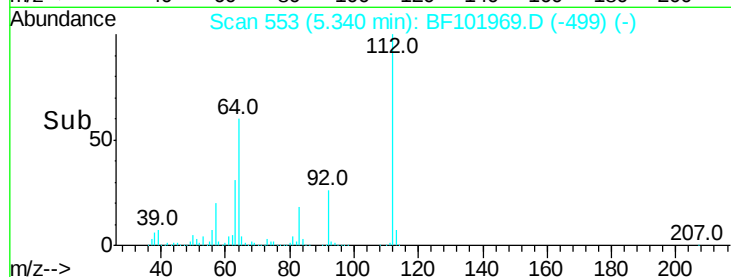
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.089 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

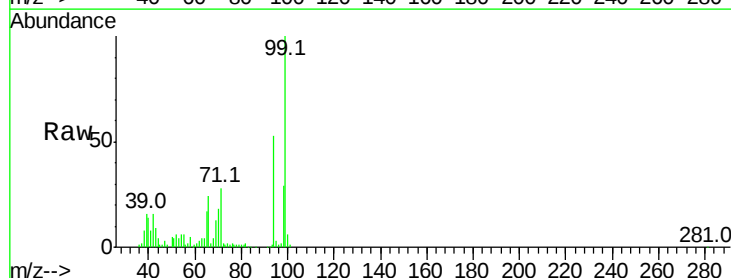
Tgt Ion: 93 Resp: 2261

Ion Ratio Lower Upper

93 100

66 2059.4 32.2 48.2#

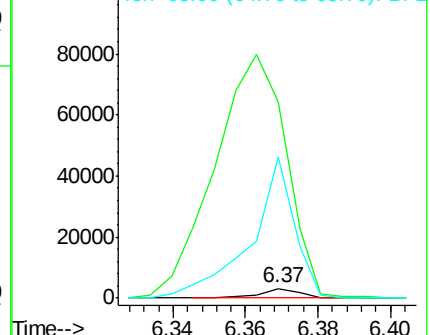
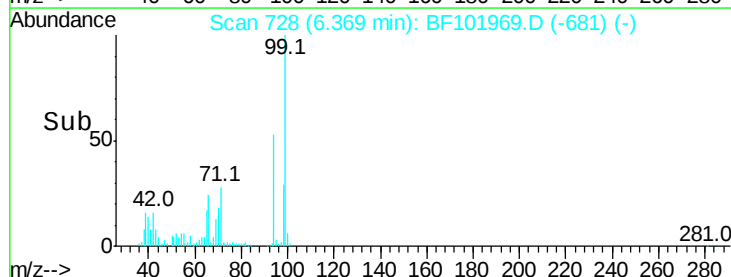
65 1479.1 16.4 24.6#

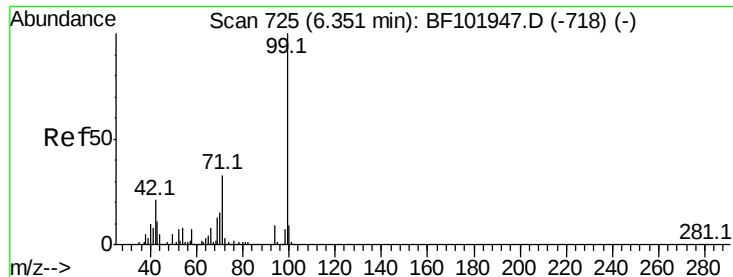


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.564 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

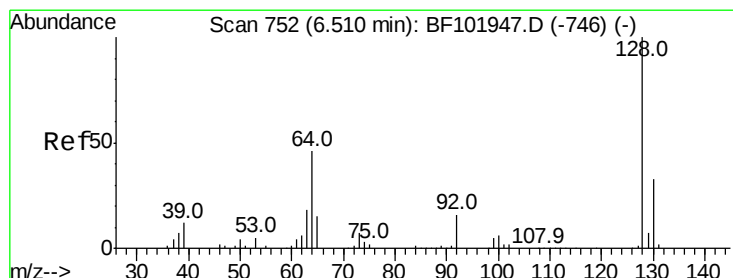
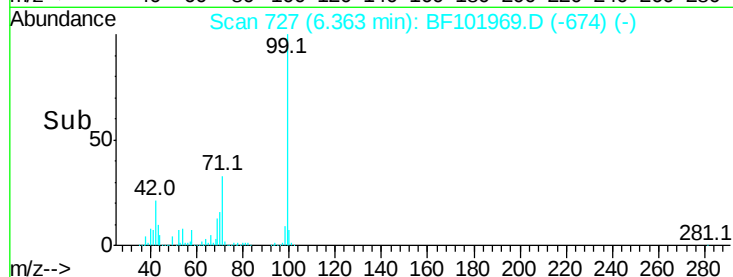
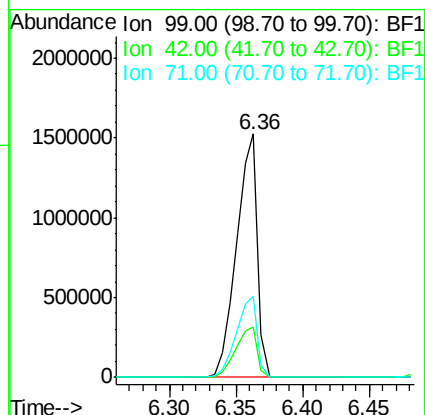
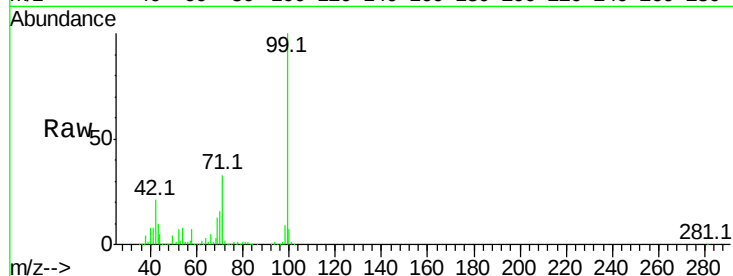
Tot Ion: 99 Resp: 1665037

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 33.2 25.4 38.0



#8

2-Chlorophenol

Concen: 0.035 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

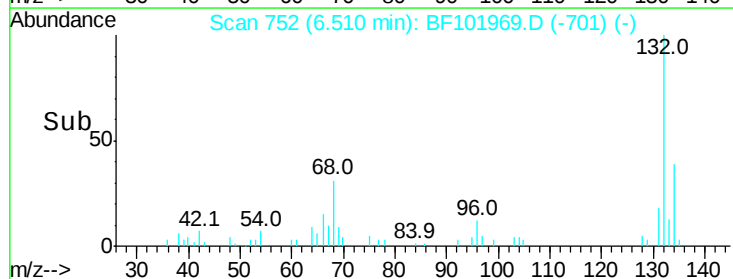
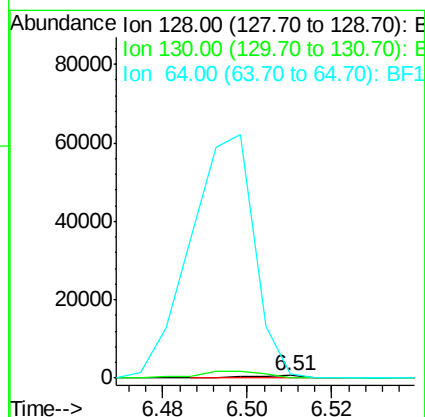
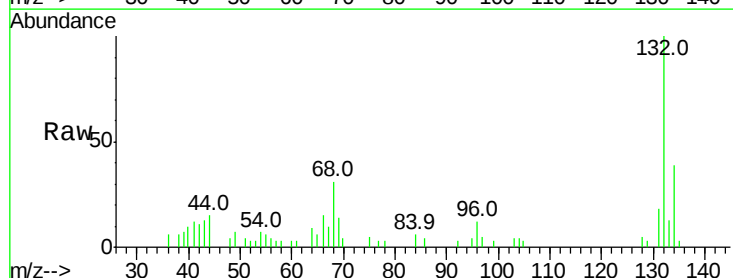
Tgt Ion: 128 Resp: 531

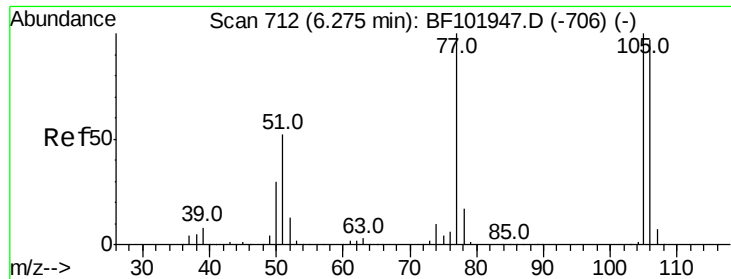
Ion Ratio Lower Upper

128 100

130 0.0 13.0 53.0#

64 179.4 29.4 69.4#





#9

Benzaldehyde

Concen: 0.148 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

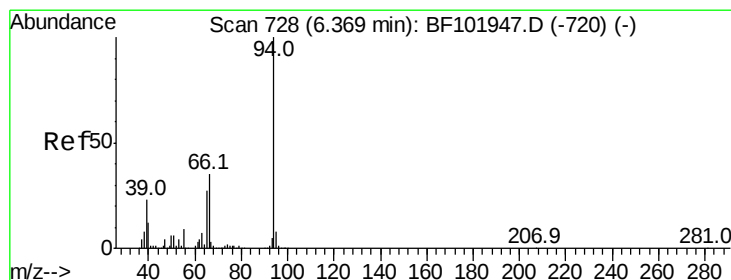
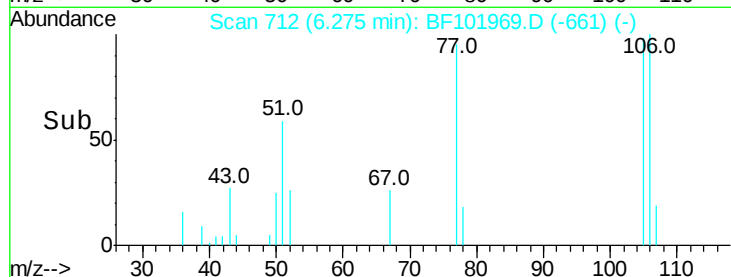
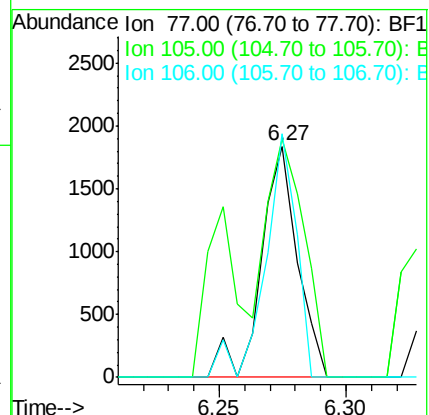
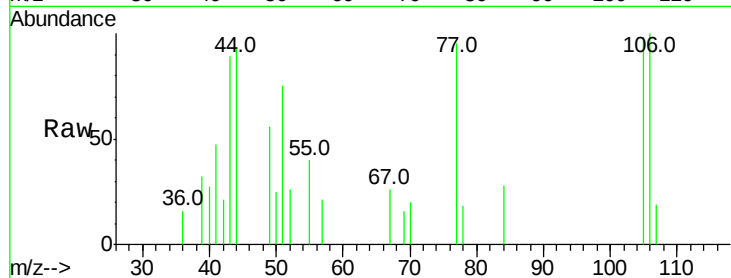
Tot Ion: 77 Resp: 1850

Ion Ratio Lower Upper

77 100

105 103.0 81.1 121.1

106 105.4 74.5 114.5



#10

Phenol

Concen: 4.289 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

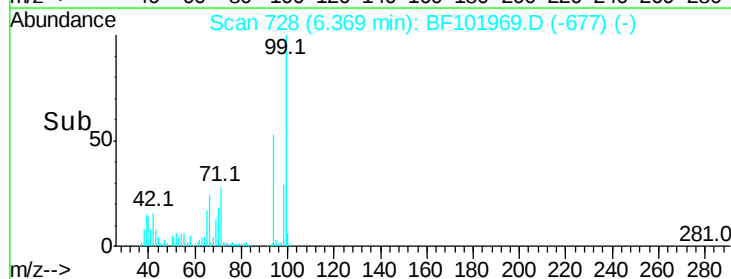
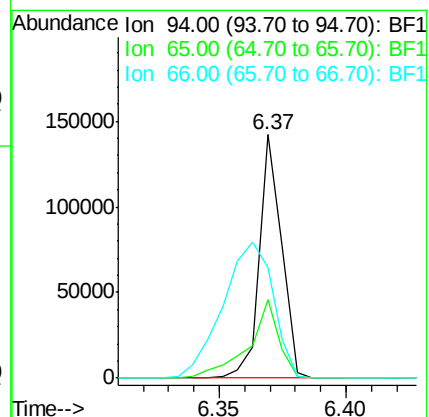
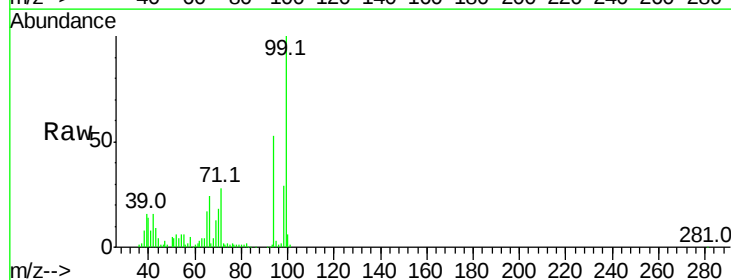
Tgt Ion: 94 Resp: 87198

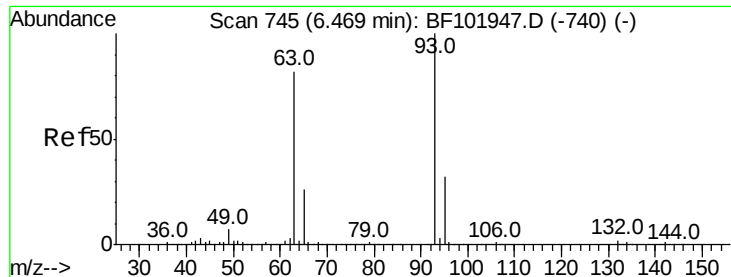
Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

66 45.2 16.2 56.2

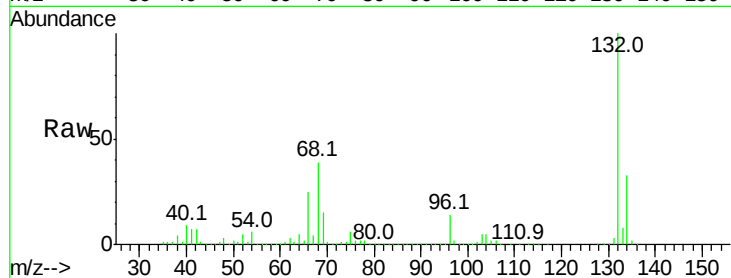




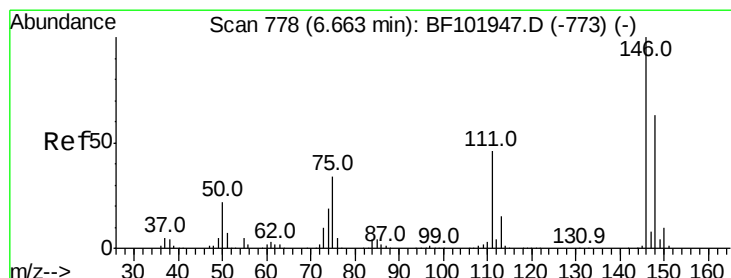
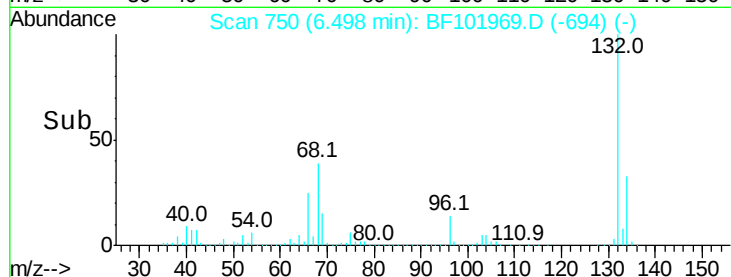
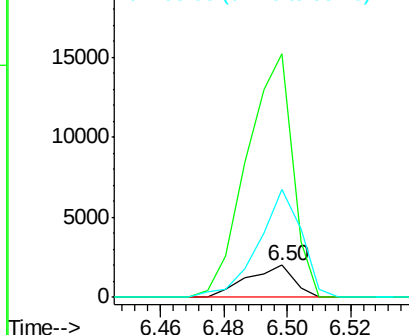
#11
bis(2-Chloroethyl)ether
Concen: 0.130 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.03 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 2018
Ion Ratio Lower Upper
93 100
63 762.1 58.6 98.6#
95 339.0 11.8 51.8#

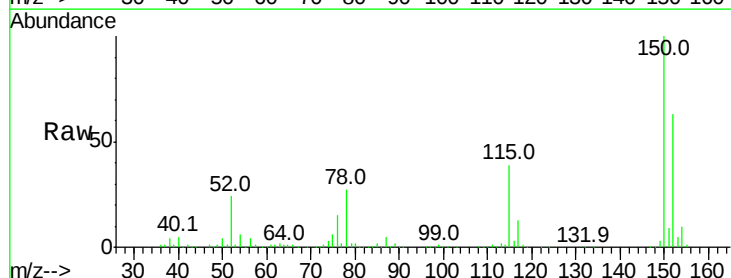


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

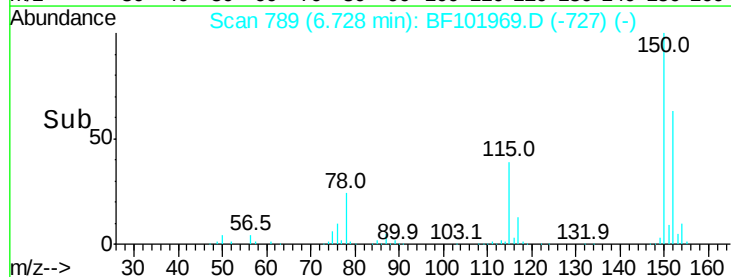
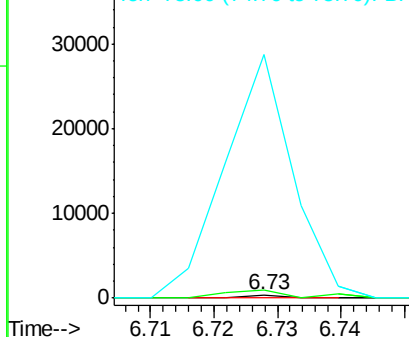


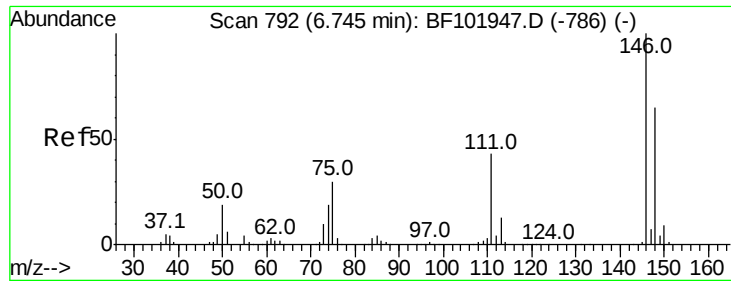
#12
1,3-Dichlorobenzene
Concen: 0.007 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.06 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion: 146 Resp: 128
Ion Ratio Lower Upper
146 100
148 259.4 51.8 77.8#
75 7938.1 24.2 36.4#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 0.007 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

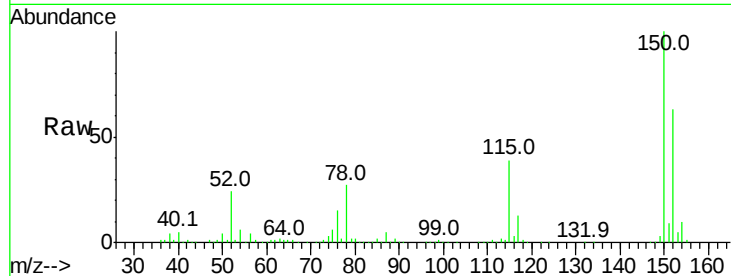
Tot Ion:146 Resp: 128

Ion Ratio Lower Upper

146 100

148 259.4 50.8 76.2#

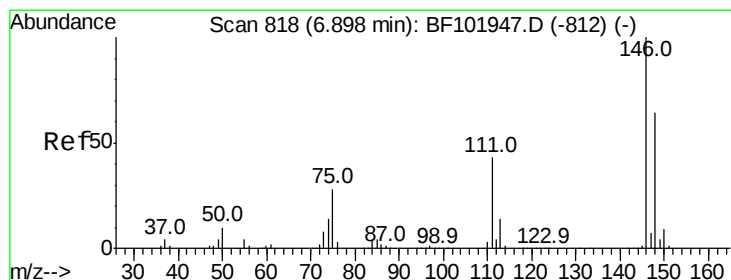
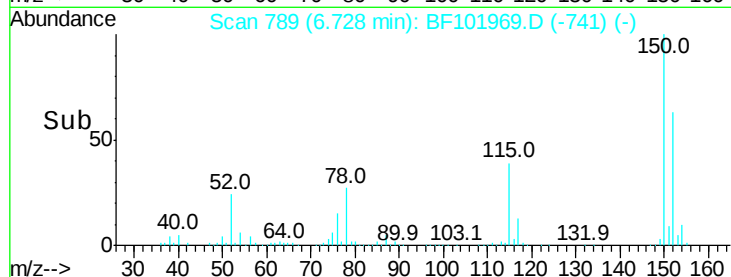
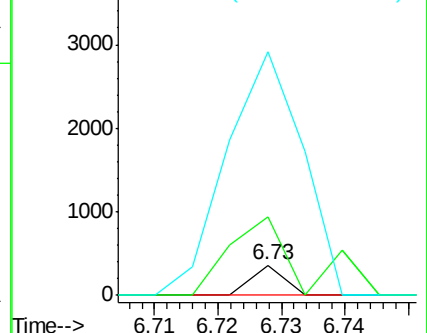
111 805.0 34.2 51.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 0.028 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

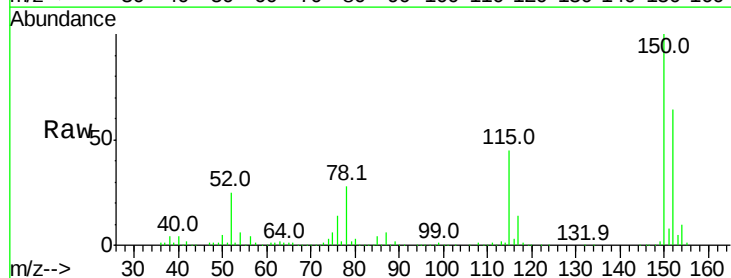
Tgt Ion:146 Resp: 456

Ion Ratio Lower Upper

146 100

148 260.6 50.6 75.8#

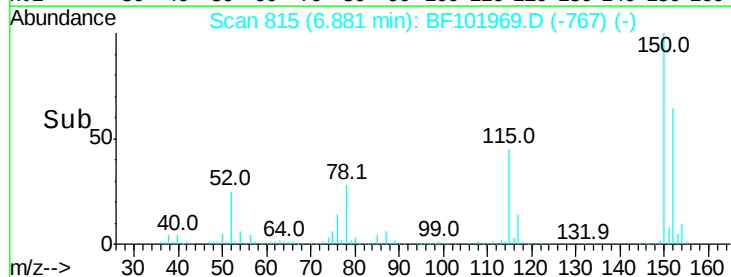
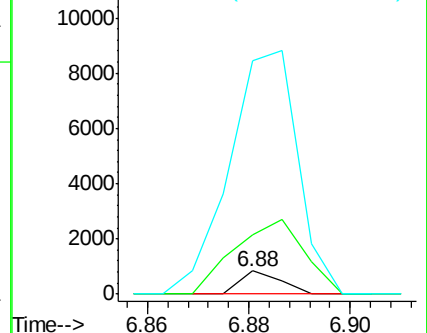
111 1022.3 36.0 54.0#

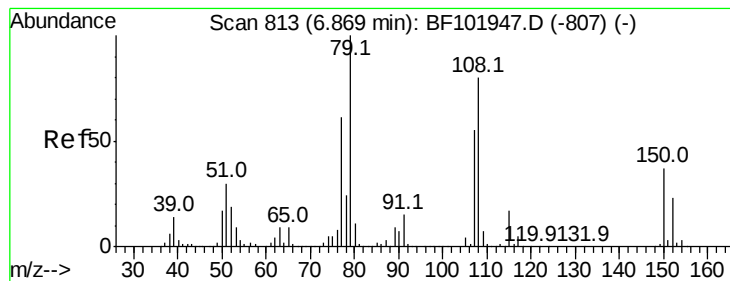


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.296 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampled :

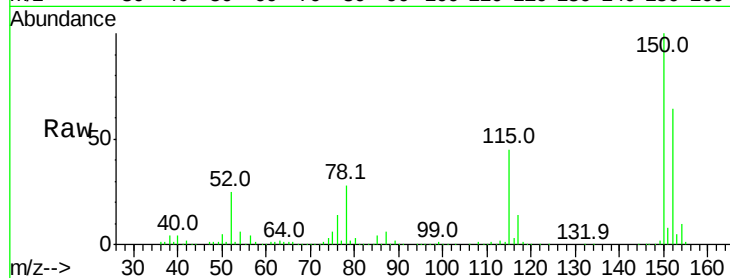
Tot Ion: 79 Resp: 17046

Ion Ratio Lower Upper

79 100

108 30.0 65.1 97.7#

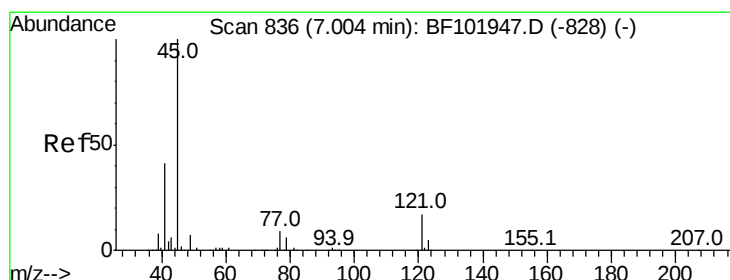
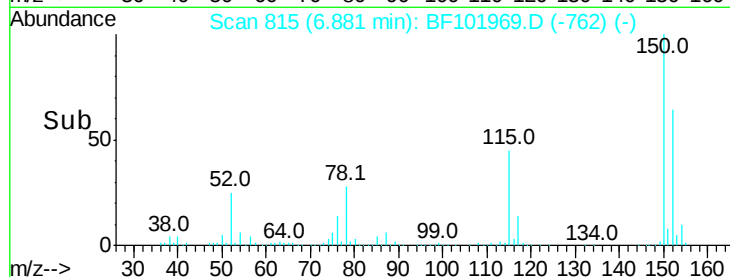
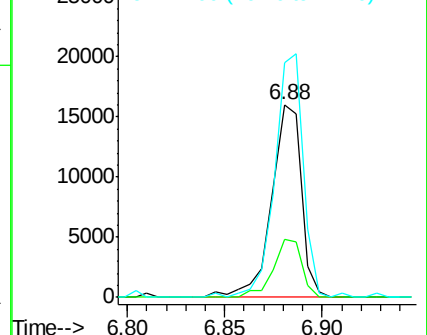
77 121.8 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.010 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.05 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

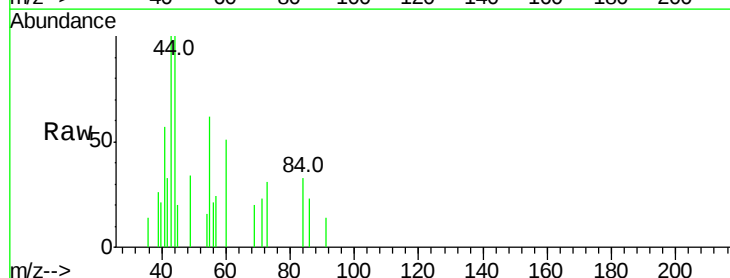
Tgt Ion: 45 Resp: 291

Ion Ratio Lower Upper

45 100

77 0.0 0.0 32.9

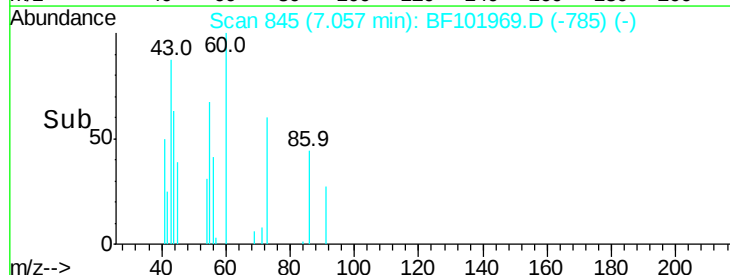
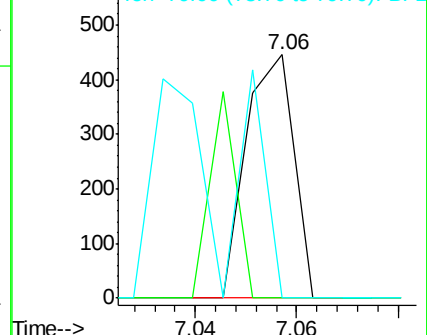
79 0.0 0.0 29.6

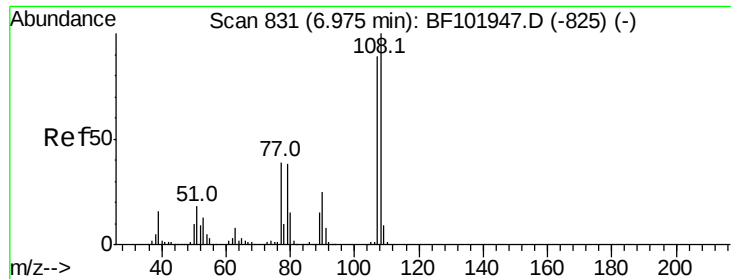


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 0.009 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 120

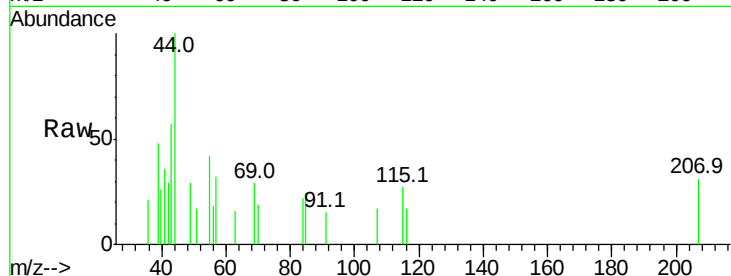
Ion Ratio Lower Upper

107 100

108 0.0 91.7 137.5#

77 0.0 33.8 50.8#

79 0.0 33.8 50.8#

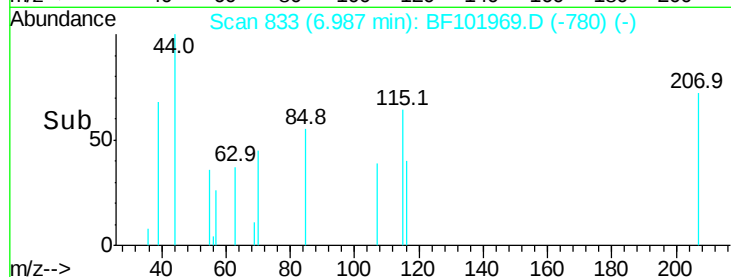
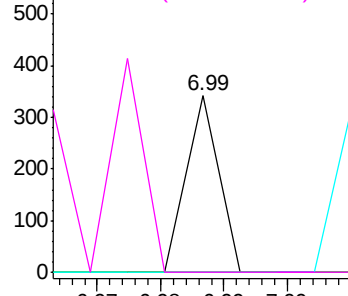


Abundance Ion 107.00 (106.70 to 107.70): E

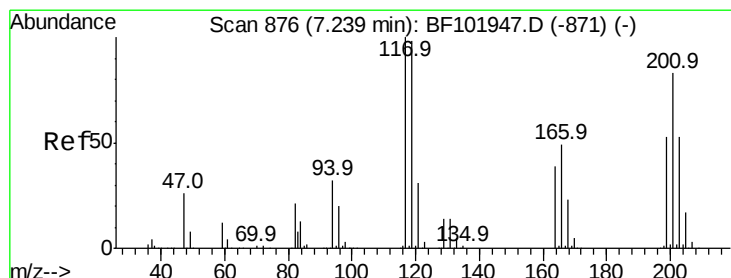
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 0.019 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.02 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

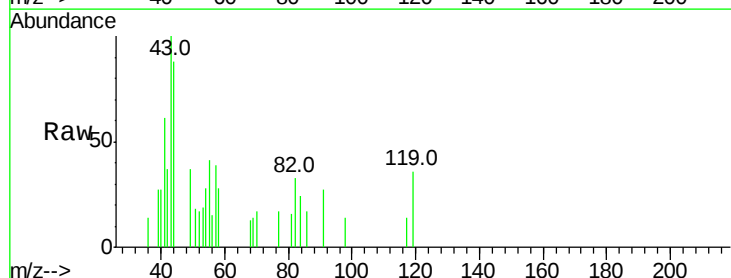
Tgt Ion:117 Resp: 115

Ion Ratio Lower Upper

117 100

119 254.8 75.8 113.8#

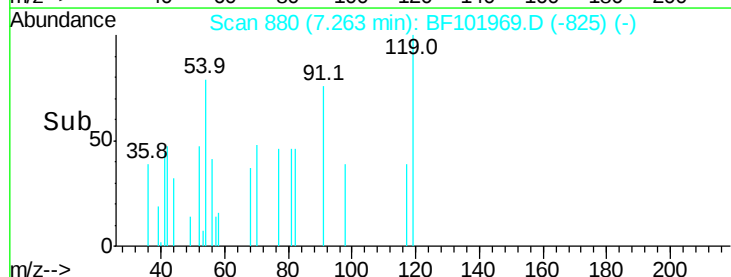
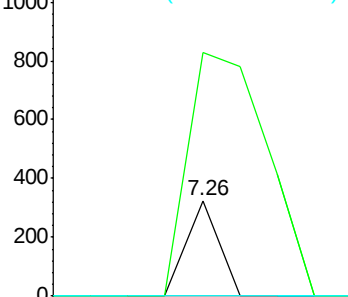
201 0.0 75.7 113.5#



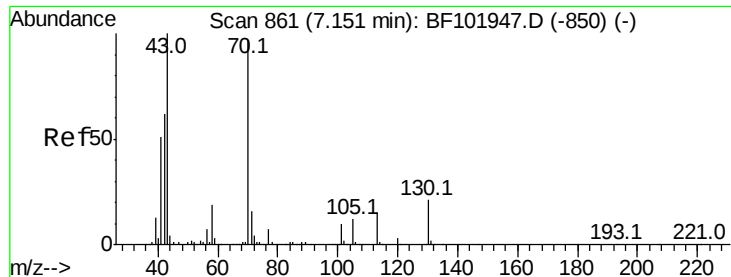
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



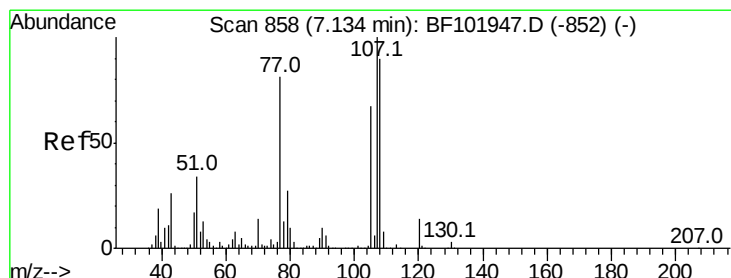
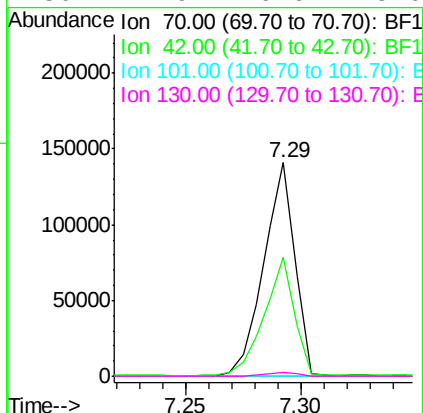
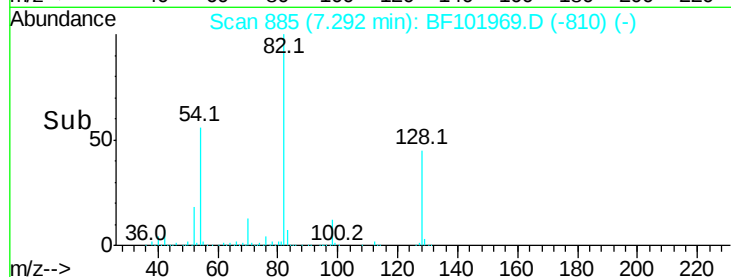
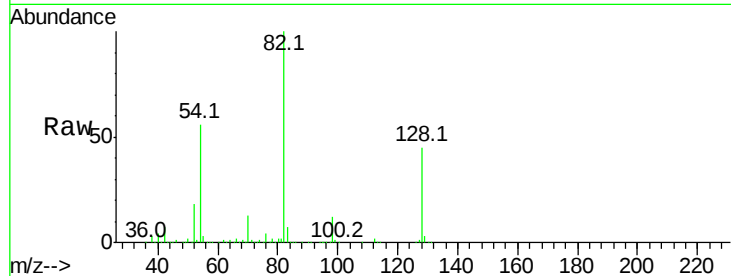
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 11.218 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

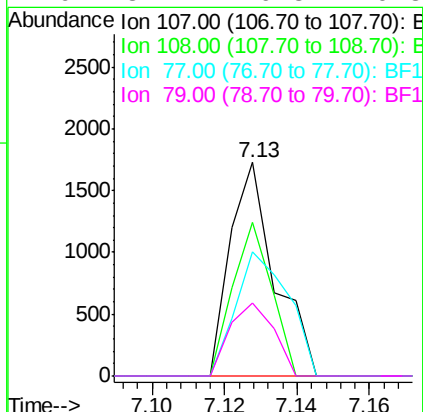
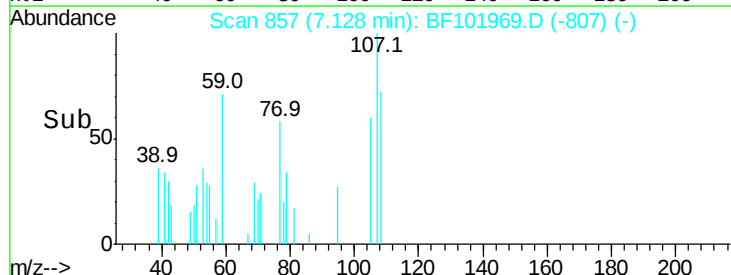
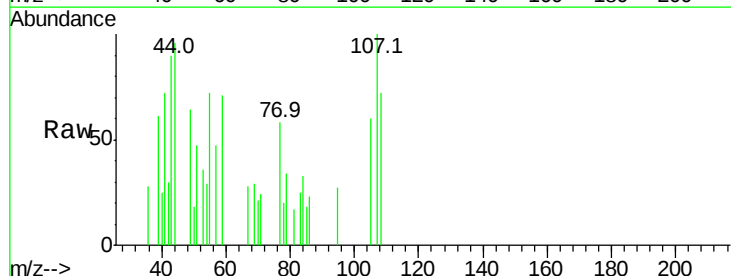
Instrument :
BNA_F
ClientSampleId :

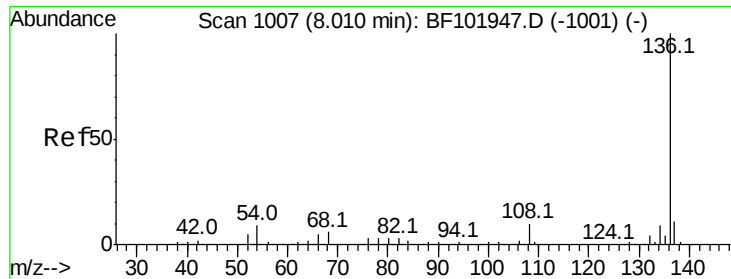
Tot Ion: 70 Resp: 132237
Ion Ratio Lower Upper
70 100
42 55.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#20
3+4-Methylphenols
Concen: 0.091 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:107 Resp: 1488
Ion Ratio Lower Upper
107 100
108 72.1 68.2 108.2
77 57.8 26.7 66.7
79 34.1 6.3 46.3

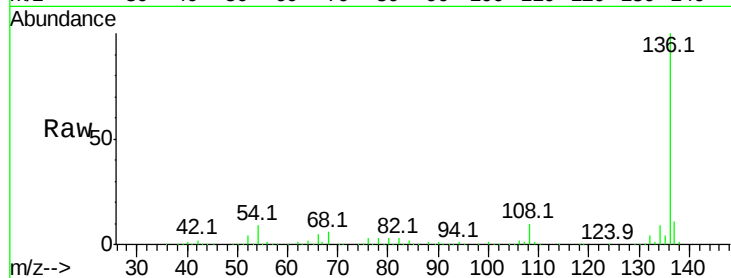




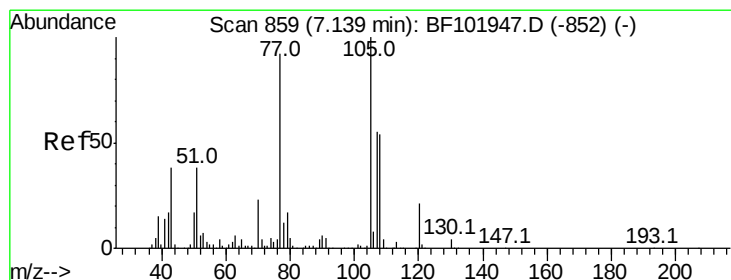
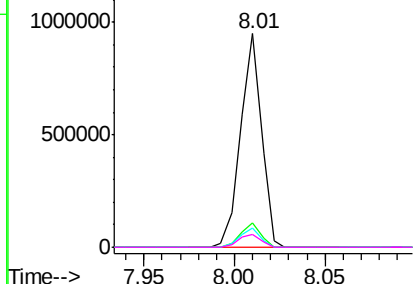
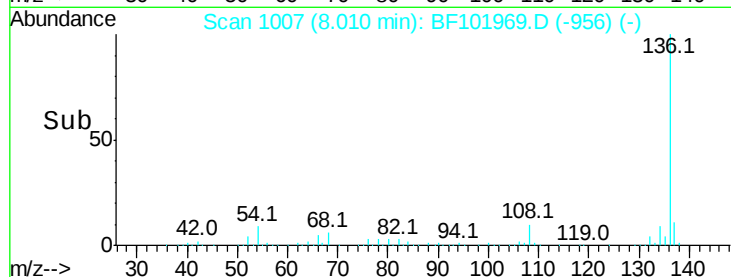
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	761930
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.8	6.6	9.8
68	6.3	5.0	7.4

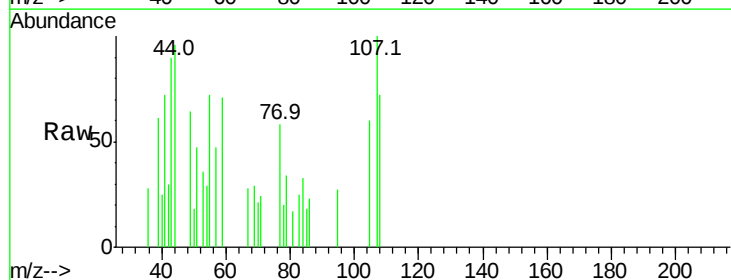


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

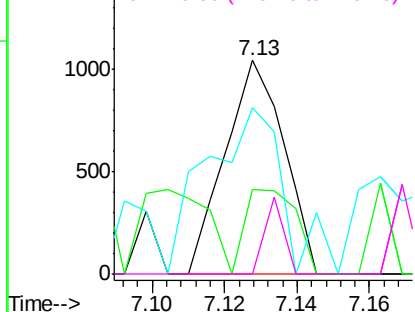
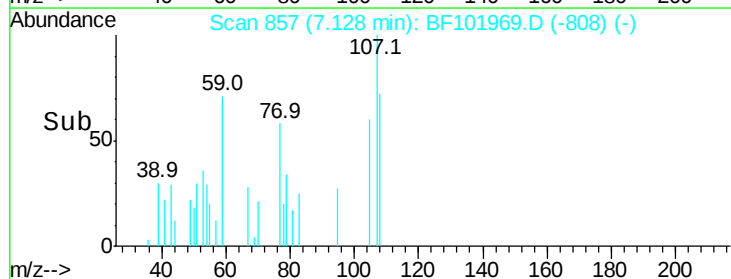


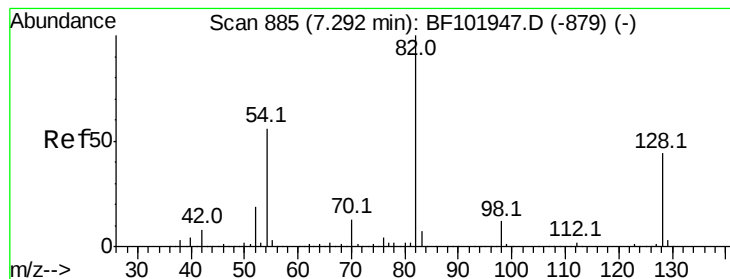
#22
Acetophenone
Concen: 0.064 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:	105	Resp:	1175
Ion	Ratio	Lower	Upper
105	100		
71	39.5	4.4	6.6#
51	77.9	22.3	33.5#
120	0.0	16.9	25.3#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.864 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

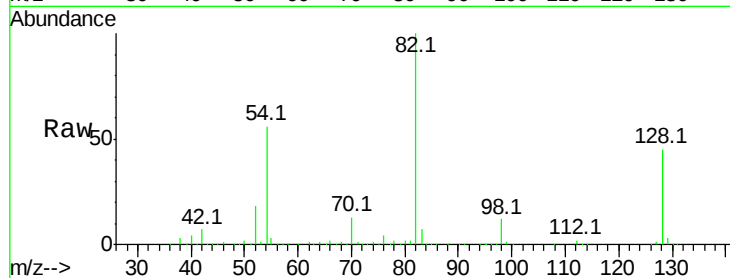
Tot Ion: 82 Resp: 983648

Ion Ratio Lower Upper

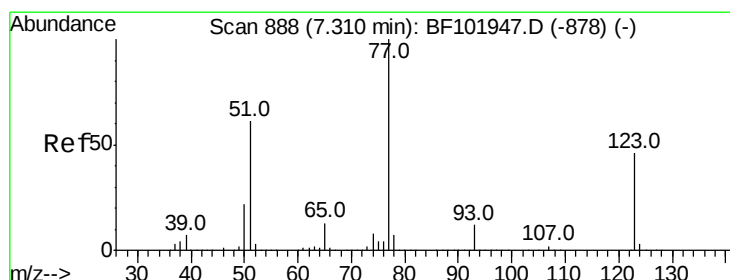
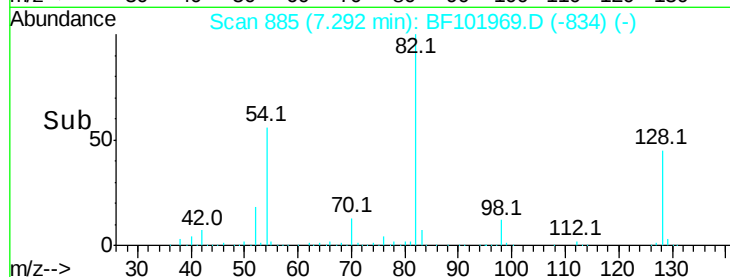
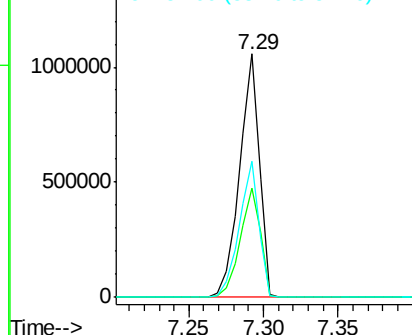
82 100

128 44.8 36.1 54.1

54 56.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 0.263 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

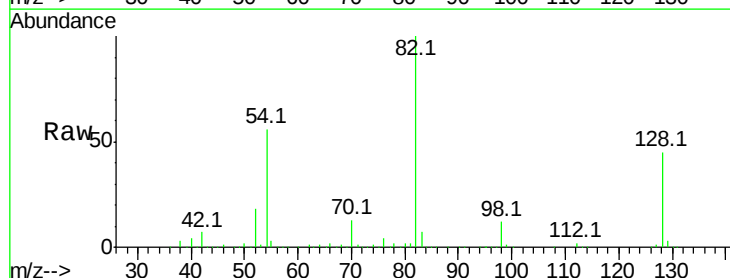
Tgt Ion: 77 Resp: 3658

Ion Ratio Lower Upper

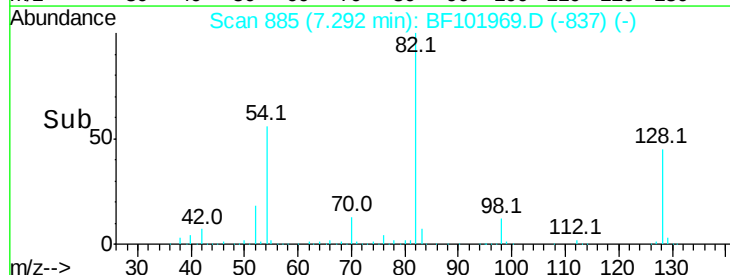
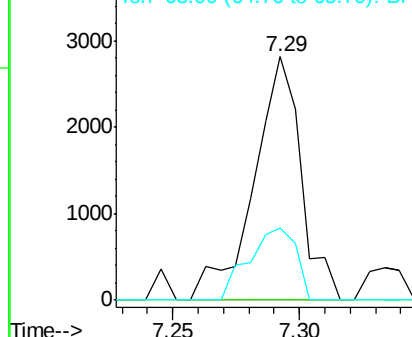
77 100

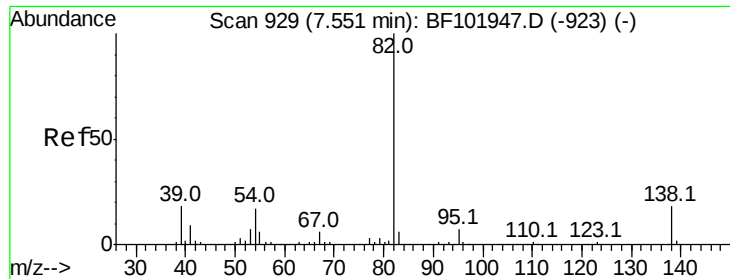
123 0.0 37.9 56.9#

65 29.6 11.0 16.4#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.304 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

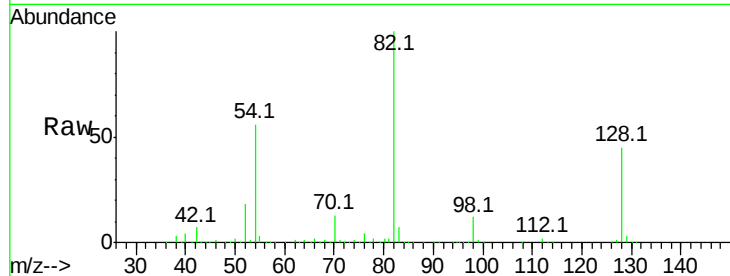
Tot Ion: 82 Resp: 981343

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

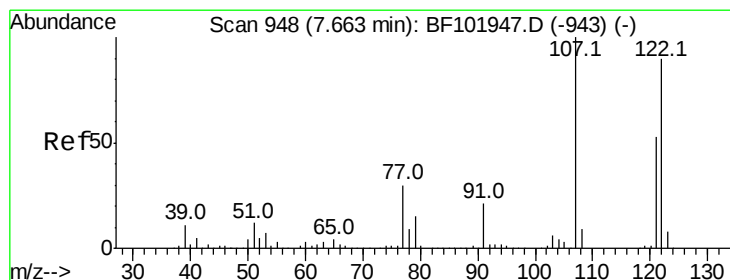
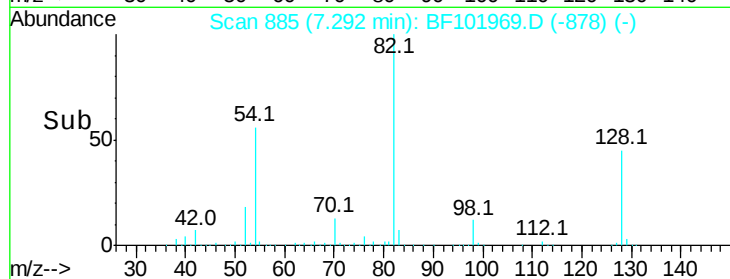
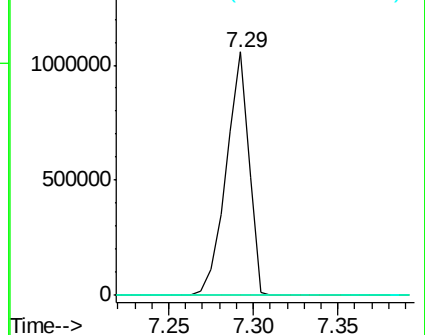
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#27

2,4-Dimethylphenol

Concen: 0.012 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.03 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

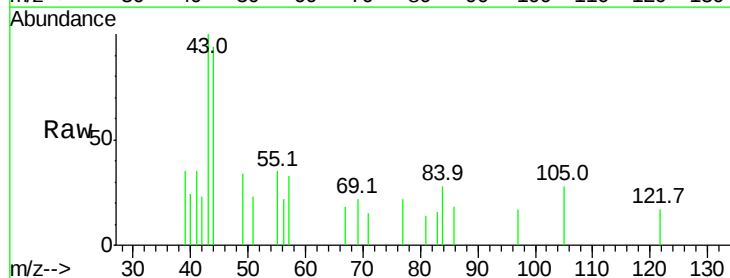
Tgt Ion:122 Resp: 127

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

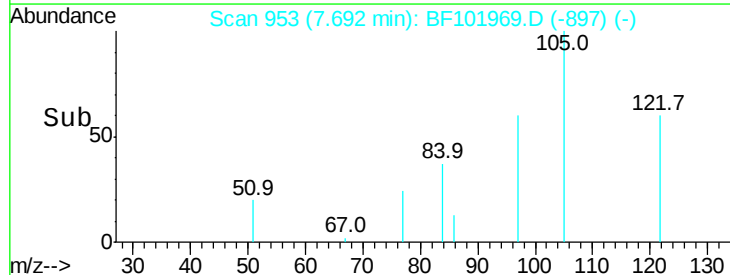
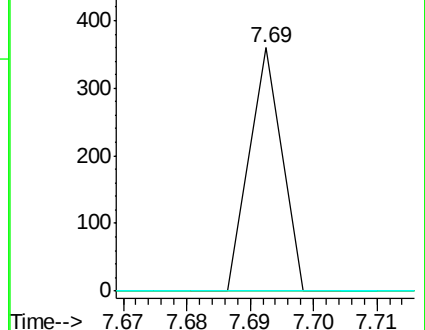
121 100.0 47.2 70.8#

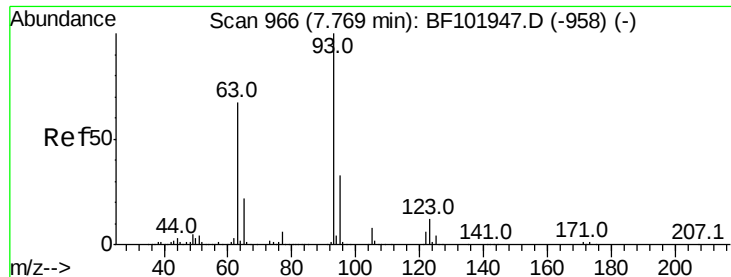


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#28

bis(2-Chloroethoxy)methane

Concen: 0.009 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

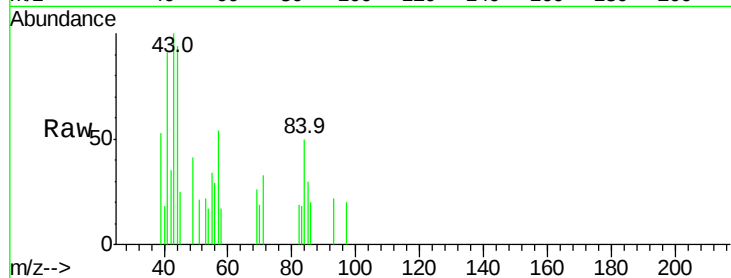
Tot Ion: 93 Resp: 139

Ion Ratio Lower Upper

93 100

95 0.0 26.3 39.5#

123 0.0 9.8 14.6#

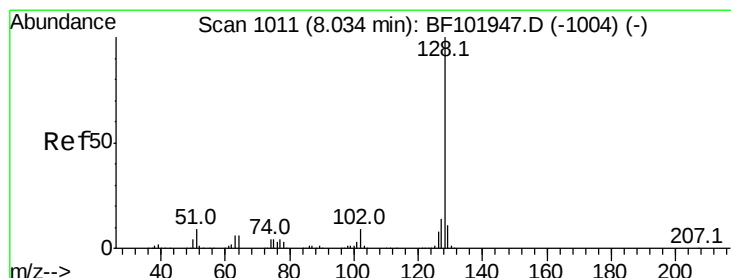
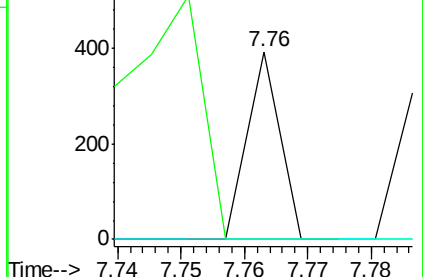
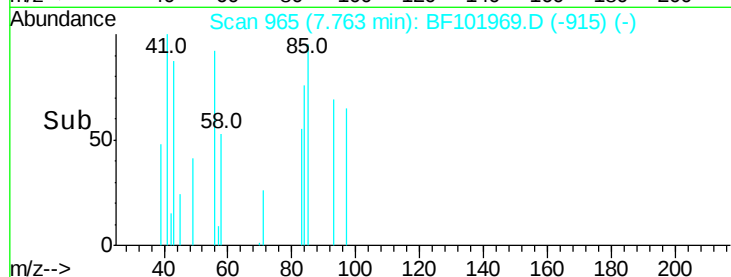


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Time-->



#31

Naphthalene

Concen: 0.206 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

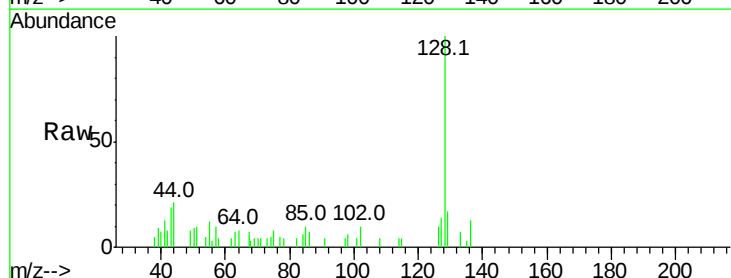
Tgt Ion: 128 Resp: 7830

Ion Ratio Lower Upper

128 100

129 16.8 8.8 13.2#

127 14.3 10.9 16.3

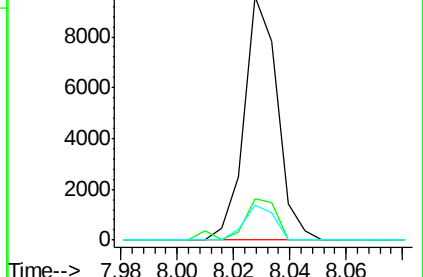
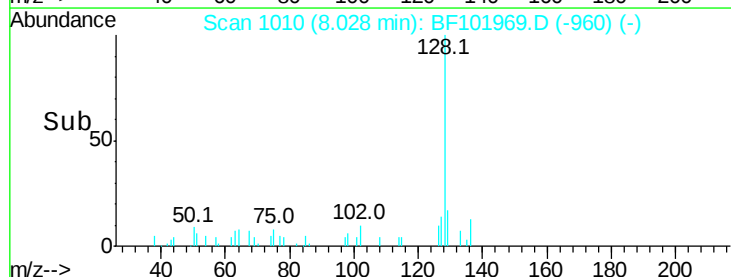


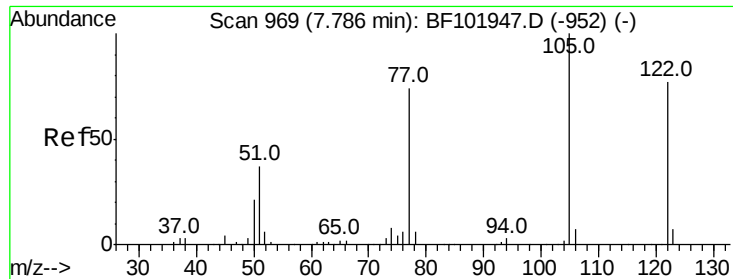
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->





#32

Benzoic acid

Concen: 0.015 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.09 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

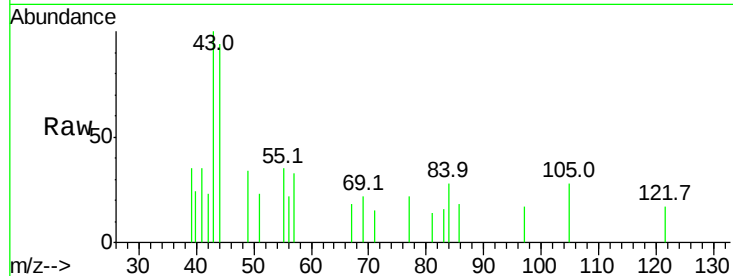
Tot Ion:122 Resp: 127

Ion Ratio Lower Upper

122 100

105 168.1 101.1 141.1#

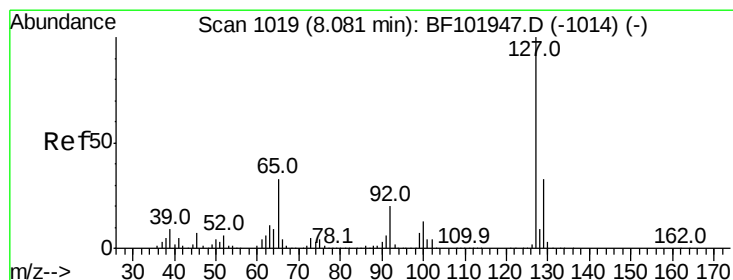
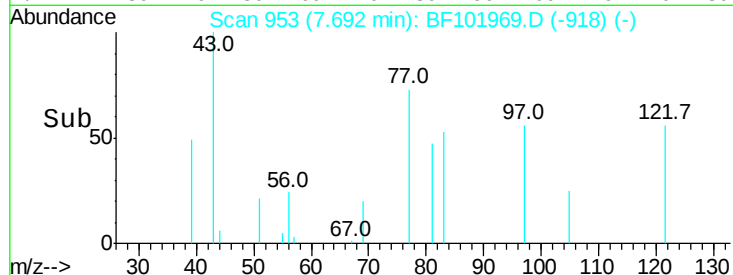
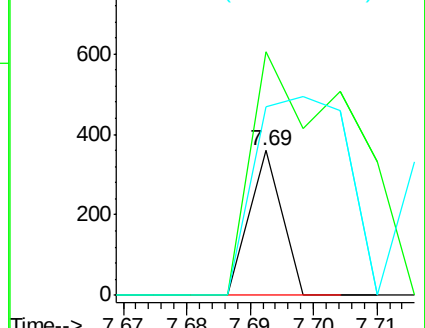
77 130.3 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 0.062 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Tgt Ion:127 Resp: 1003

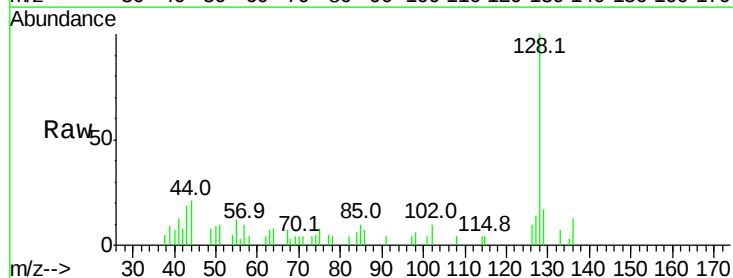
Ion Ratio Lower Upper

127 100

129 117.5 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

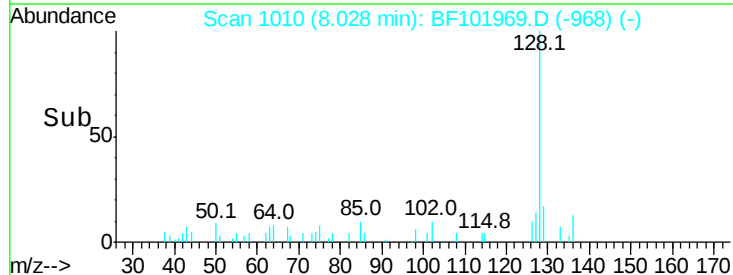
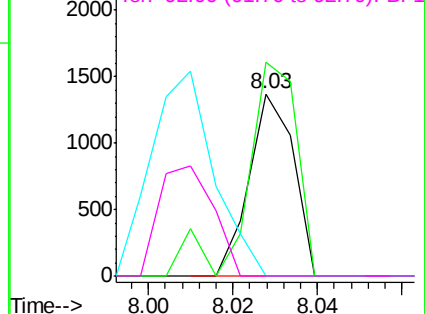


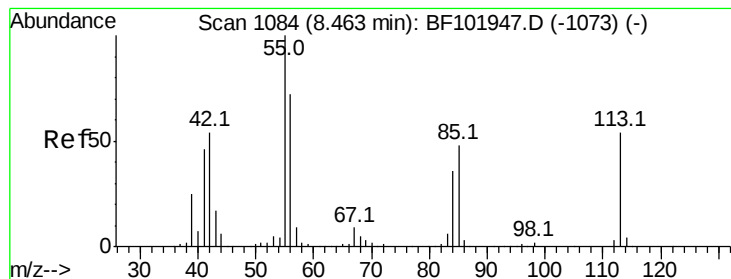
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#35

Caprolactam

Concen: 0.045 ng

RT: 8.43 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

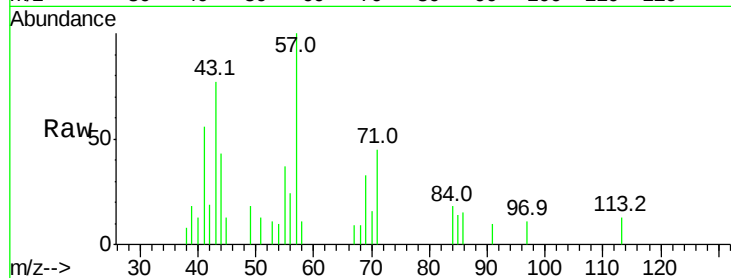
Tot Ion:113 Resp: 161

Ion Ratio Lower Upper

113 100

55 295.6 163.3 203.3#

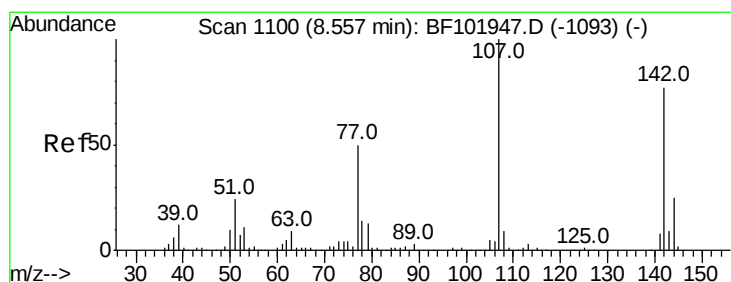
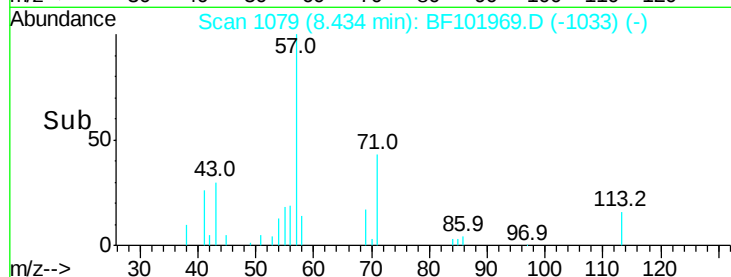
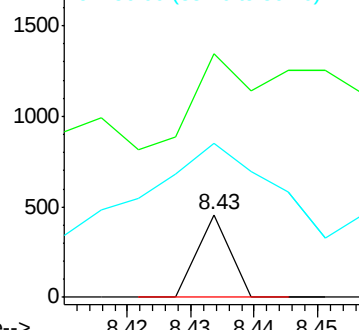
56 187.5 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 0.011 ng

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

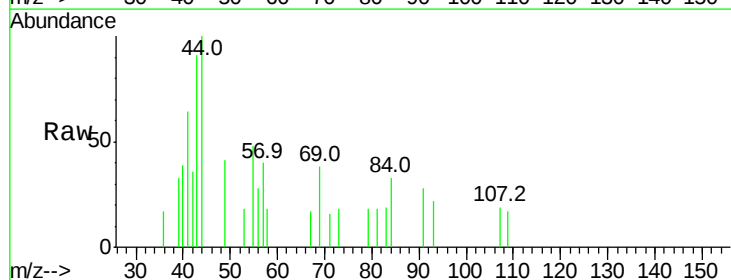
Tgt Ion:107 Resp: 128

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

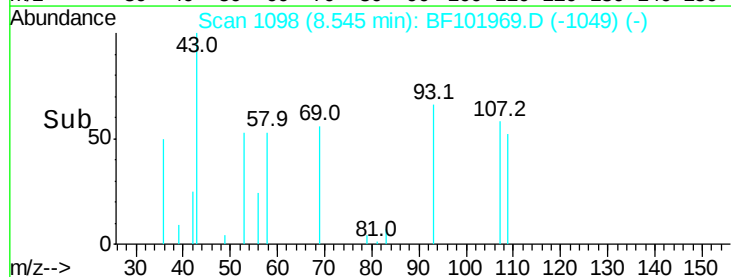
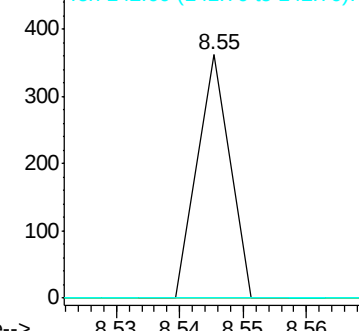
142 0.0 62.0 93.0#

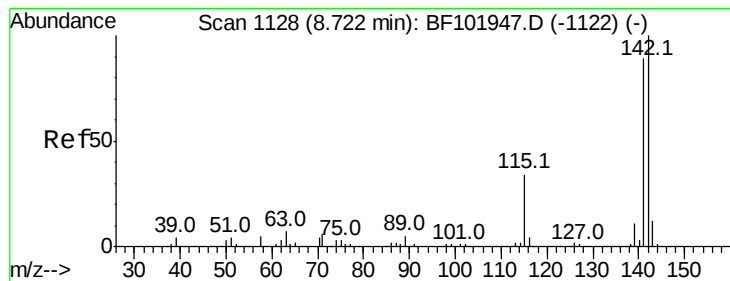


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

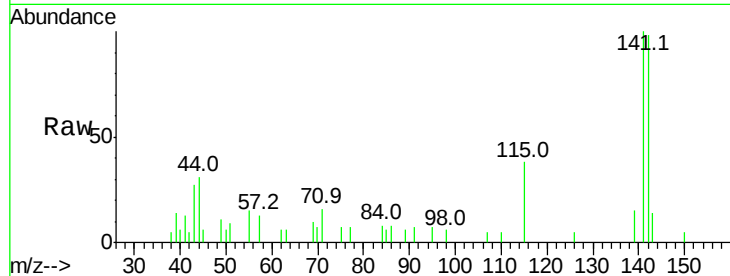




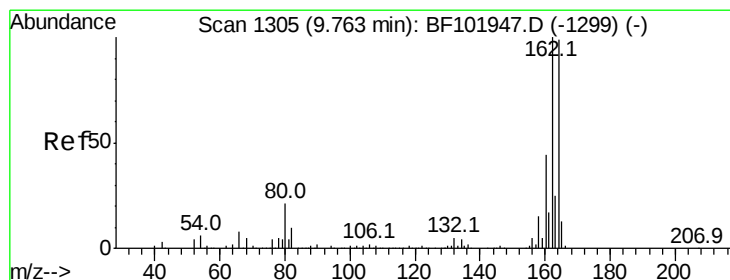
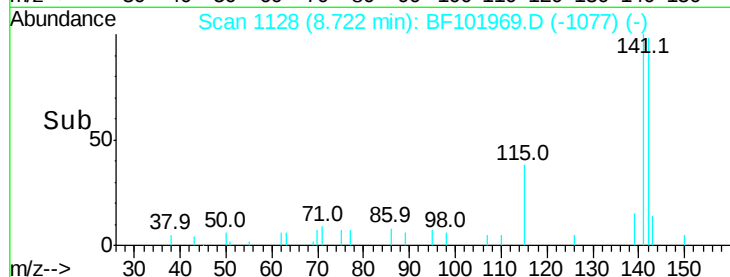
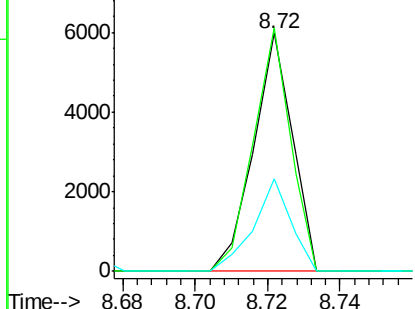
#37
2-Methylnaphthalene
Concen: 0.177 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 4430
Ion Ratio Lower Upper
142 100
141 102.3 70.8 106.2
115 39.1 26.1 39.1

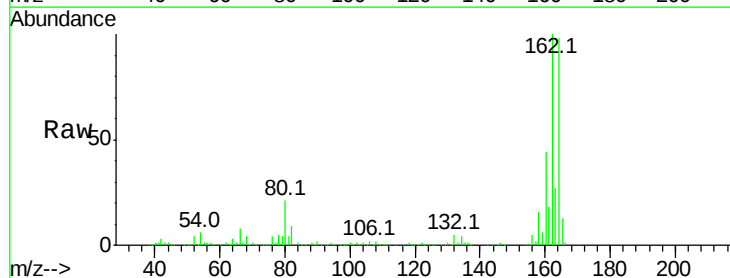


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

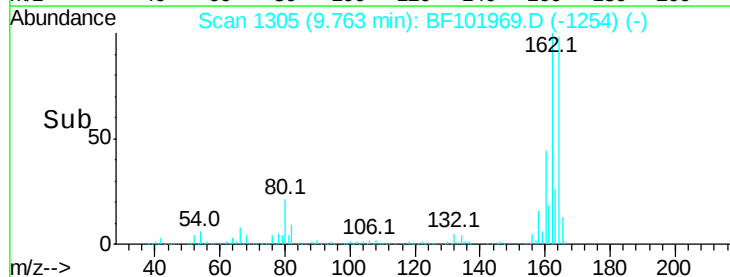
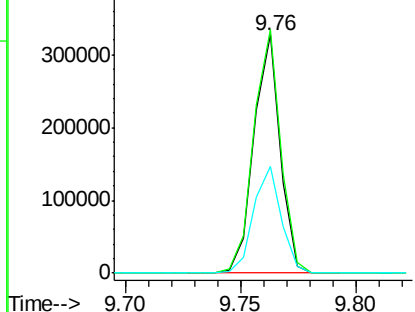


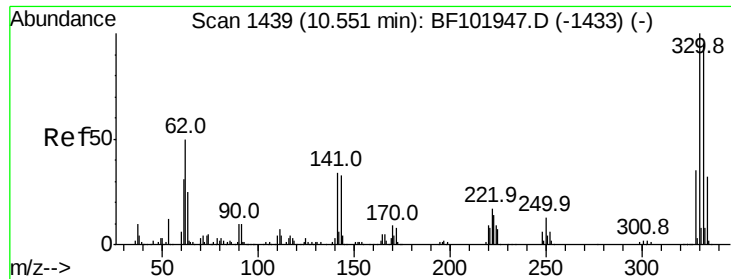
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:164 Resp: 261742
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 44.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

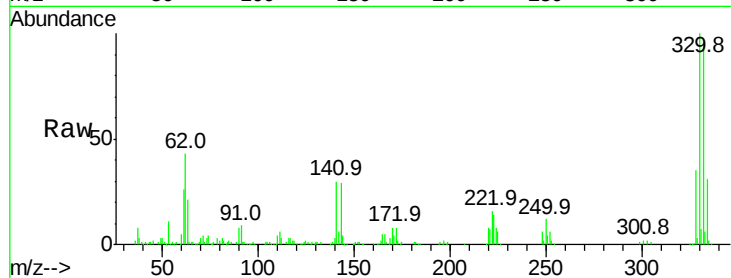




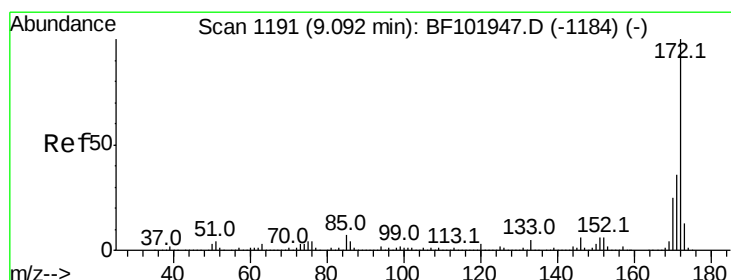
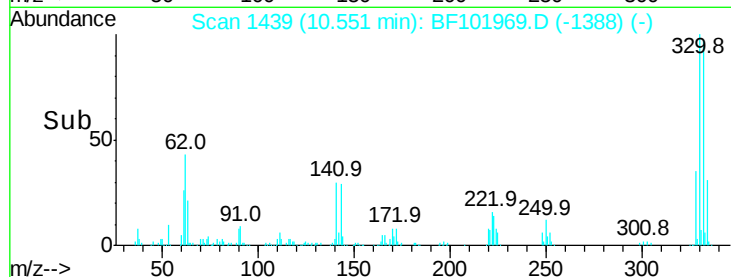
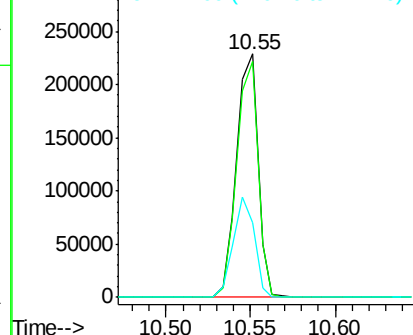
#41
 2,4,6-Tribromophenol
 Concen: 88.913 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	40.7	29.9	44.9

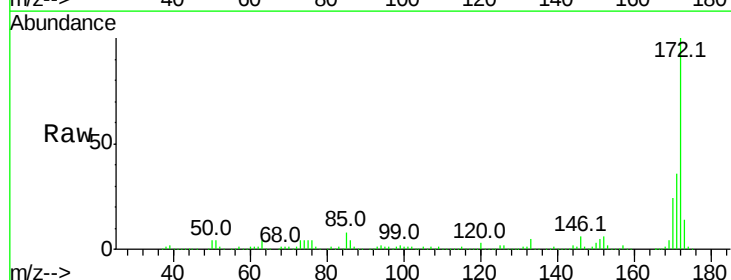


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

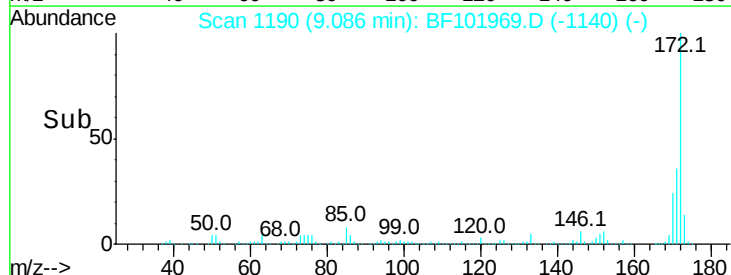
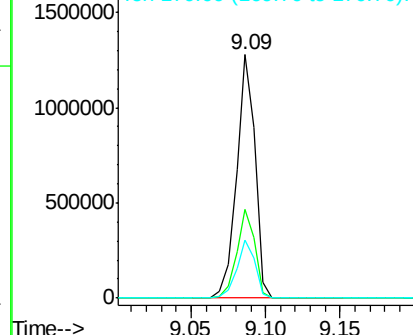


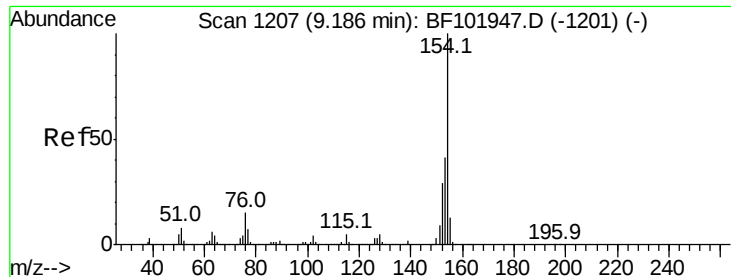
#44
 2-Fluorobiphenyl
 Concen: 66.431 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.173 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

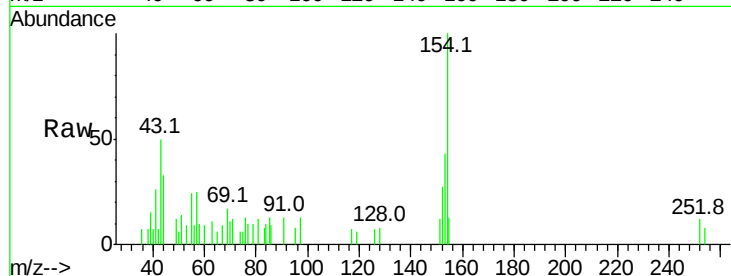
Tot Ion:154 Resp: 3998

Ion Ratio Lower Upper

154 100

153 42.8 21.3 61.3

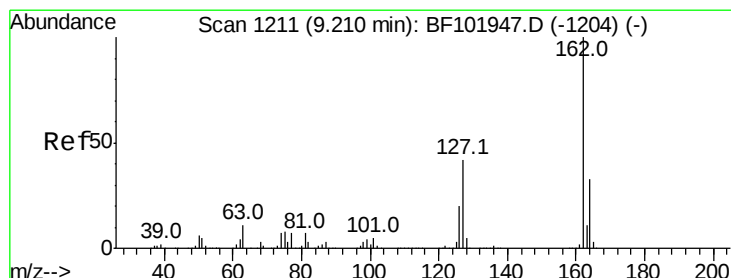
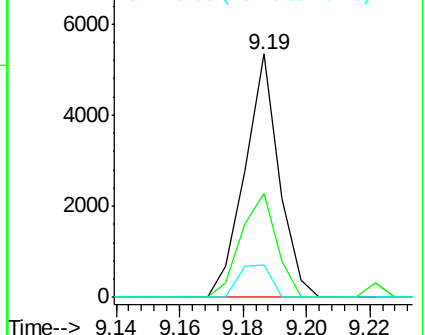
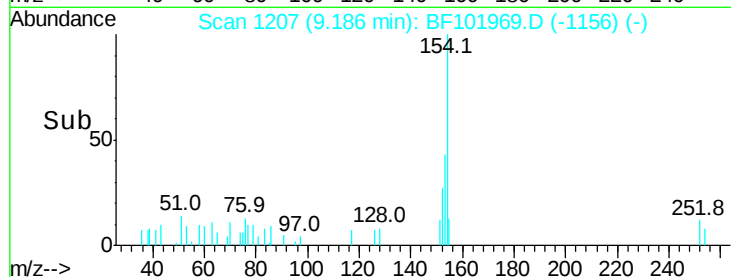
76 13.1 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 0.037 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.27 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

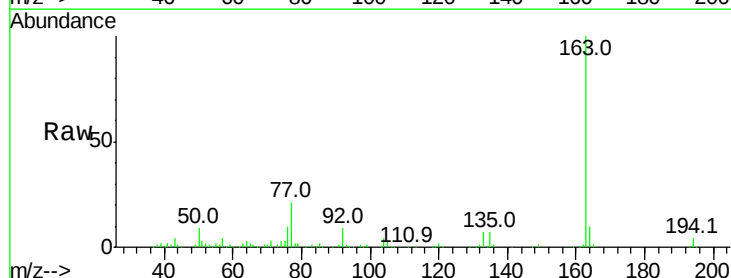
Tgt Ion:162 Resp: 668

Ion Ratio Lower Upper

162 100

127 0.0 33.9 50.9#

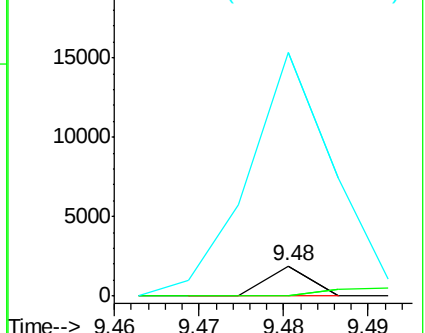
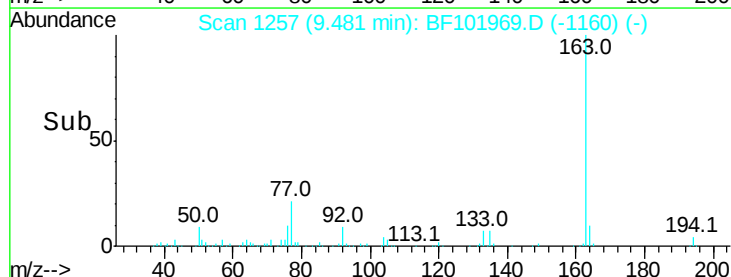
164 808.5 26.5 39.7#

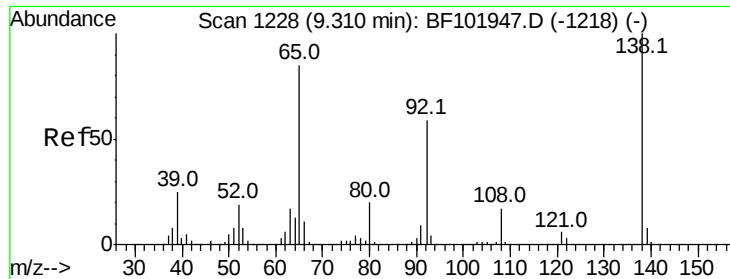


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.024 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.08 min

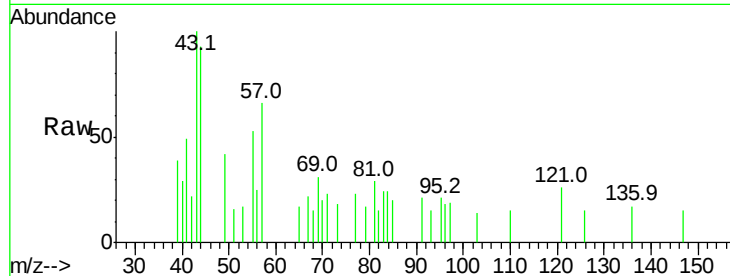
Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 130

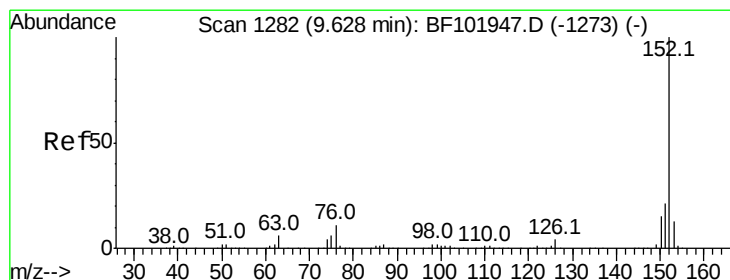
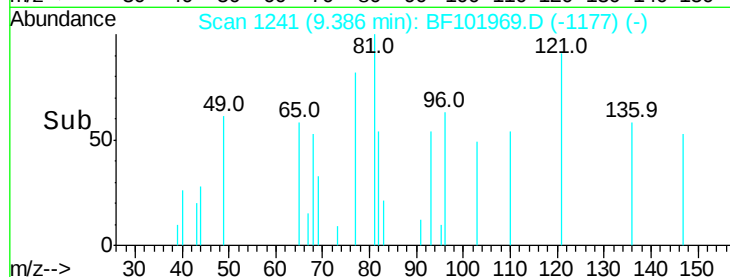
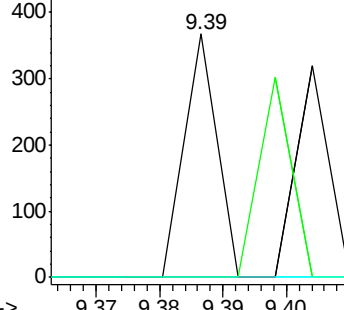
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 0.148 ng

RT: 9.62 min Scan# 1281

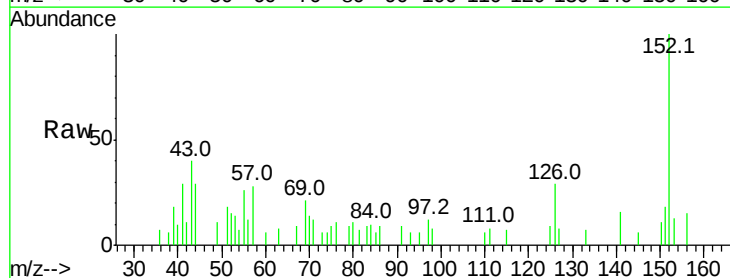
Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Tgt Ion: 152 Resp: 4219

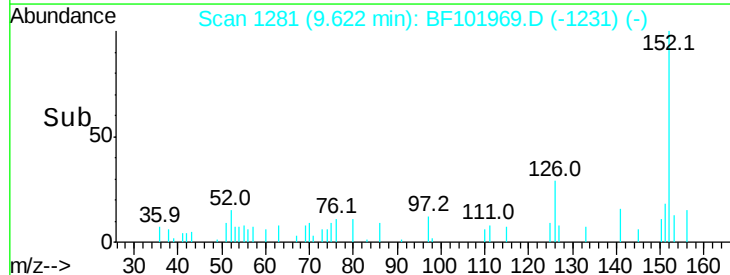
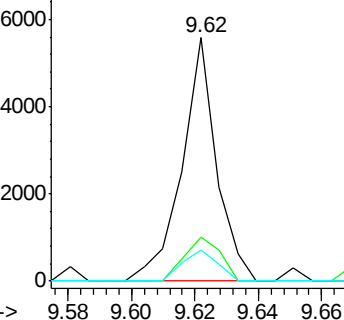
Ion	Ratio	Lower	Upper
152	100		
151	18.1	16.3	24.5
153	12.7	10.7	16.1

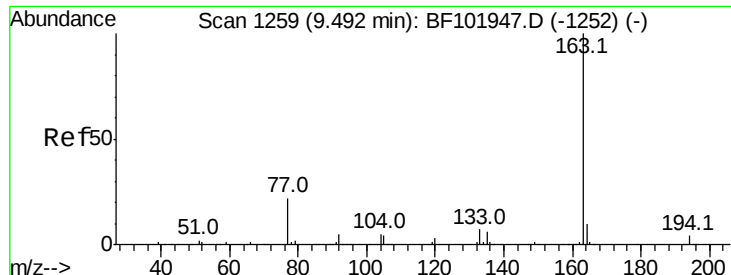


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

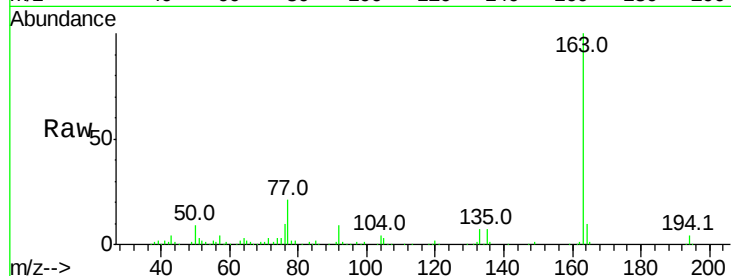




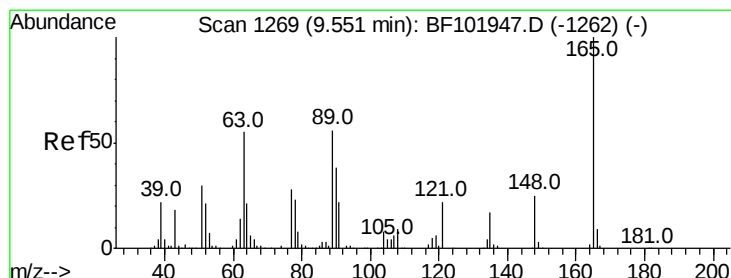
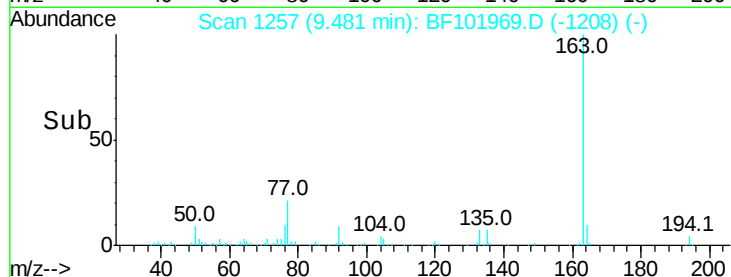
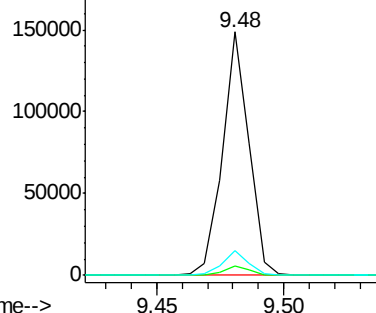
#49
Dimethylphthalate
Concen: 5.119 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 107492
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.2 12.2

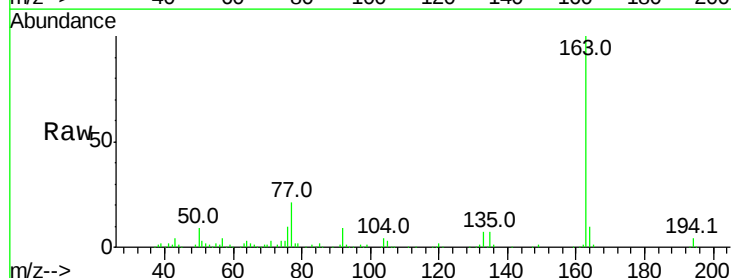


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

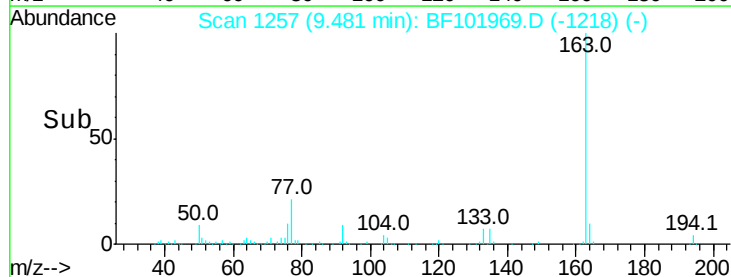
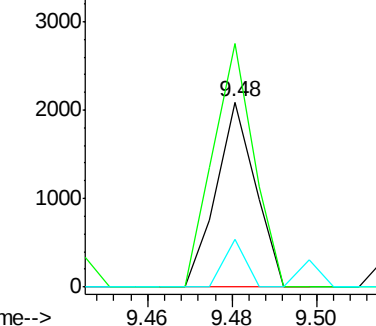


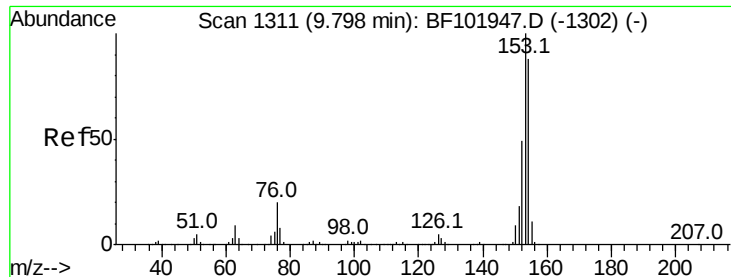
#50
2,6-Dinitrotoluene
Concen: 0.323 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.07 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:165 Resp: 1353
Ion Ratio Lower Upper
165 100
63 131.6 44.7 67.1#
89 25.6 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 0.185 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

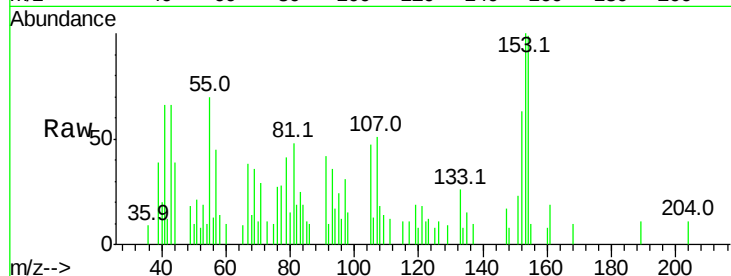
Tot Ion:154 Resp: 3194

Ion Ratio Lower Upper

154 100

153 100.8 91.2 136.8

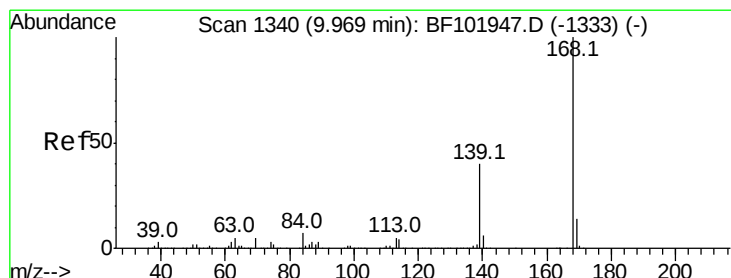
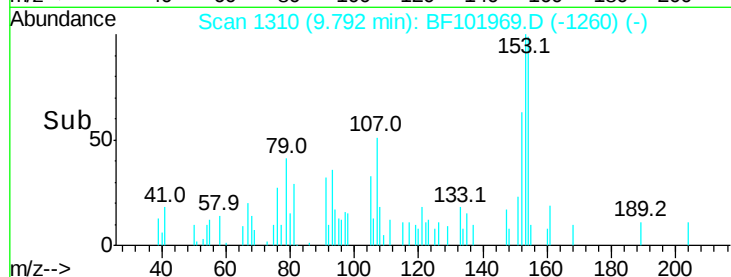
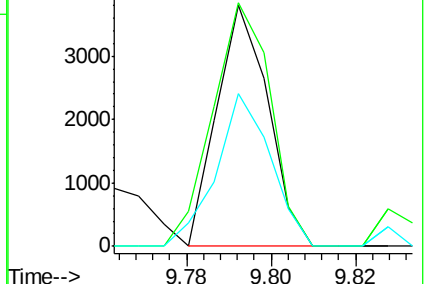
152 63.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.111 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

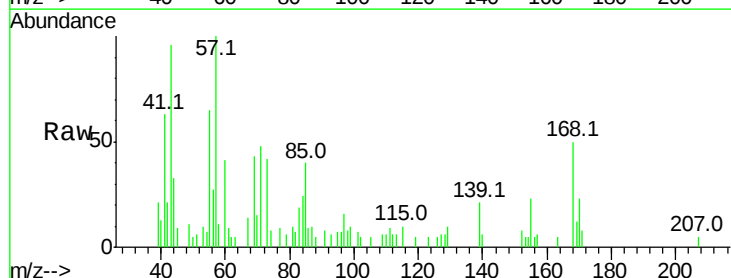
Tgt Ion:168 Resp: 2629

Ion Ratio Lower Upper

168 100

139 41.2 30.1 45.1

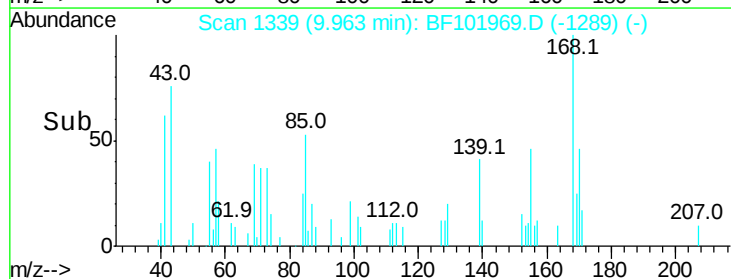
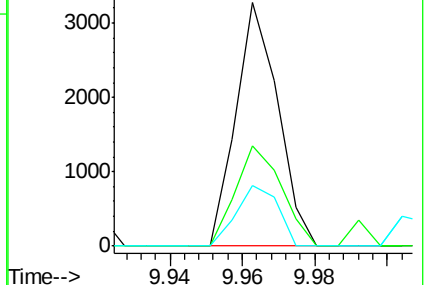
169 24.6 10.9 16.3#

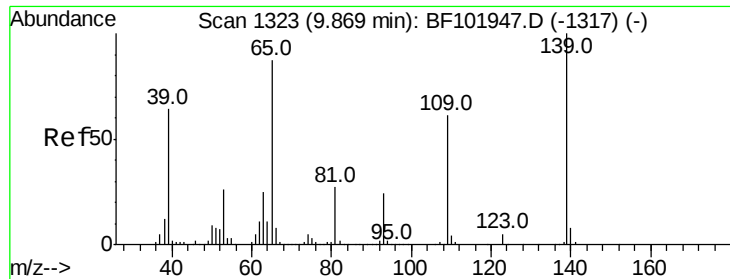


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.035 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampled :

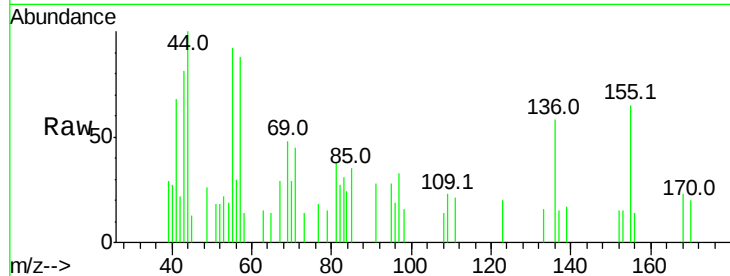
Tot Ion:139 Resp: 140

Ion Ratio Lower Upper

139 100

109 132.5 48.4 88.4#

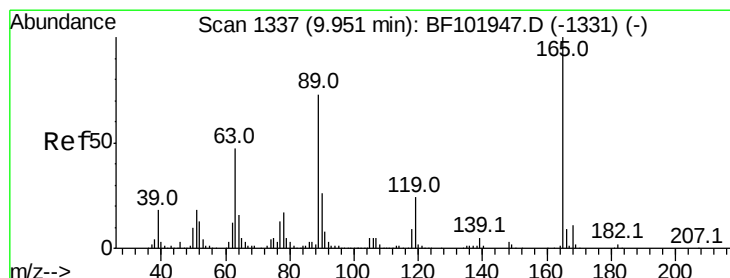
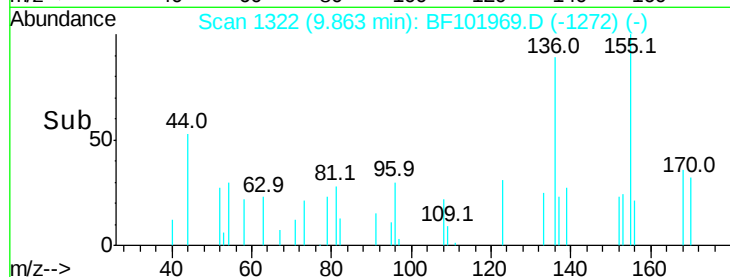
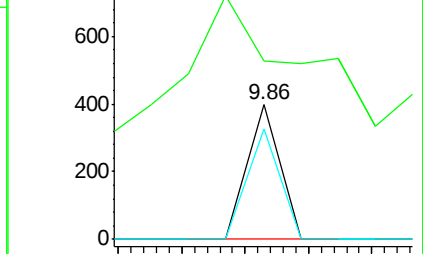
65 82.6 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.574 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Tgt Ion:165 Resp: 34561

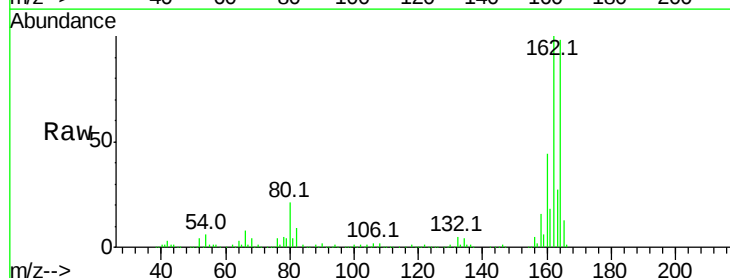
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

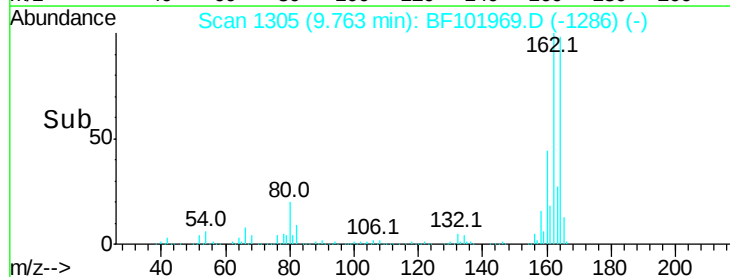
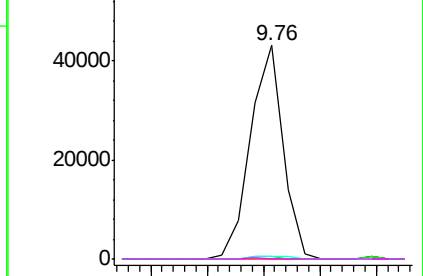


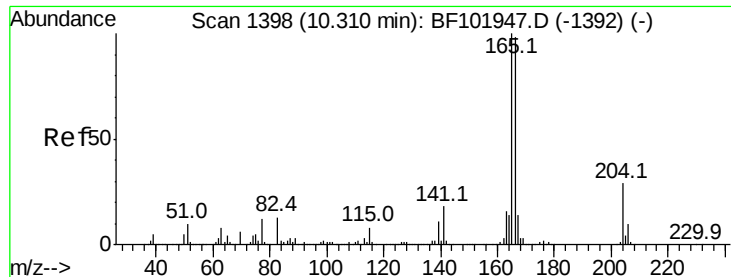
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

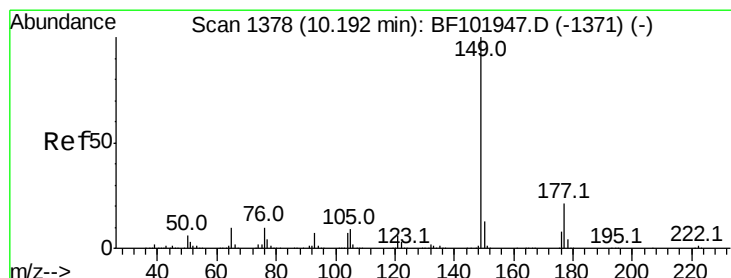
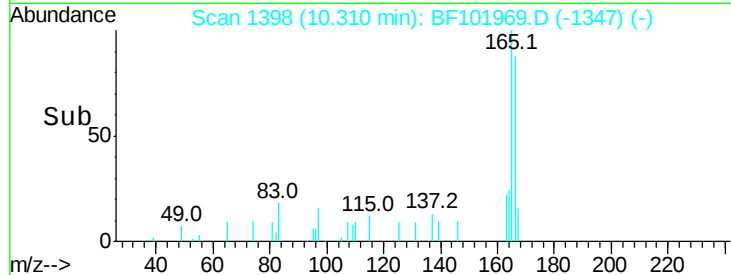
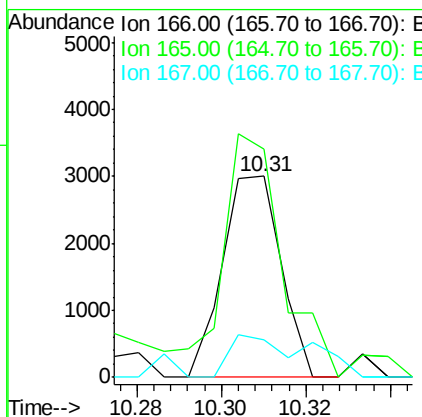
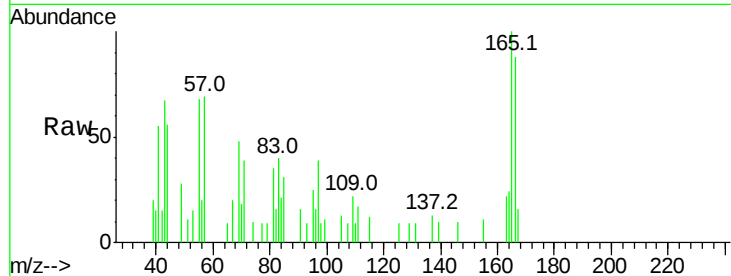




#57
 Fluorene
 Concen: 0.176 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

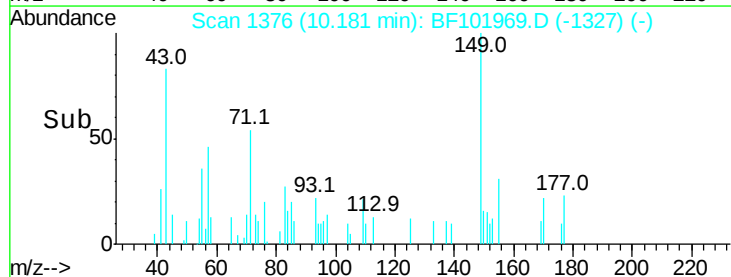
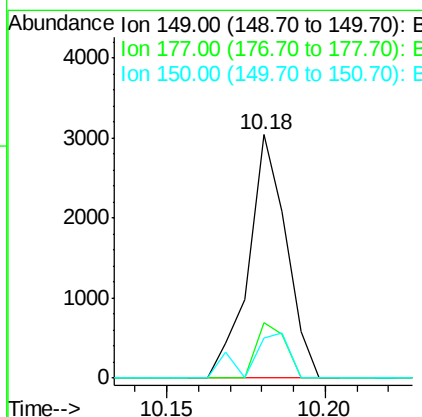
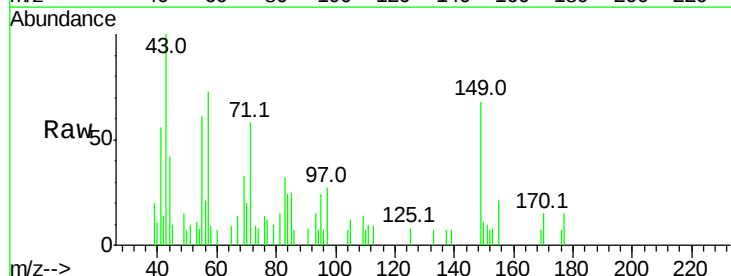
Instrument :
 BNA_F
 ClientSampleId :

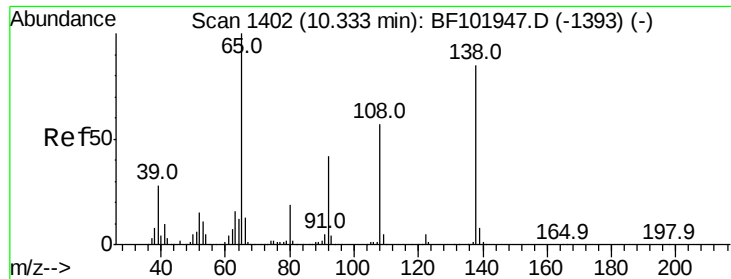
Tot Ion:166 Resp: 2885
 Ion Ratio Lower Upper
 166 100
 165 113.6 79.8 119.8
 167 18.7 10.6 16.0#



#59
 Diethylphthalate
 Concen: 0.120 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

Tgt Ion:149 Resp: 2516
 Ion Ratio Lower Upper
 149 100
 177 22.7 16.1 24.1
 150 16.5 10.1 15.1#

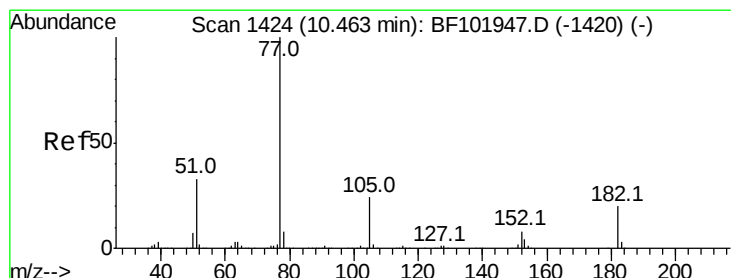
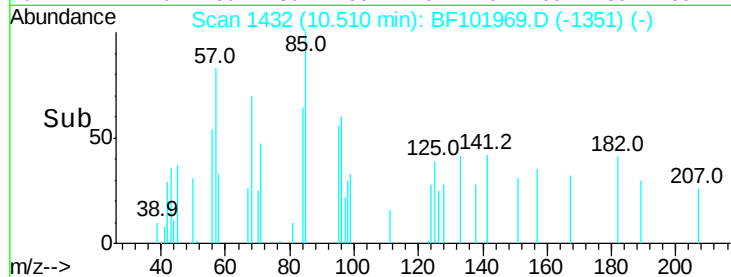
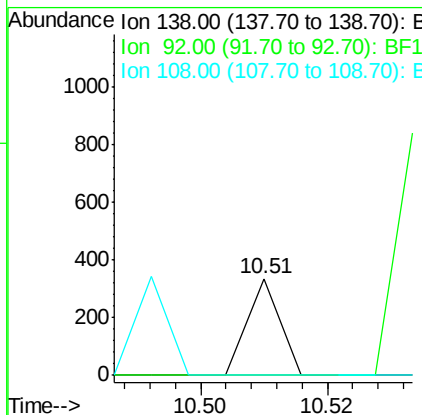
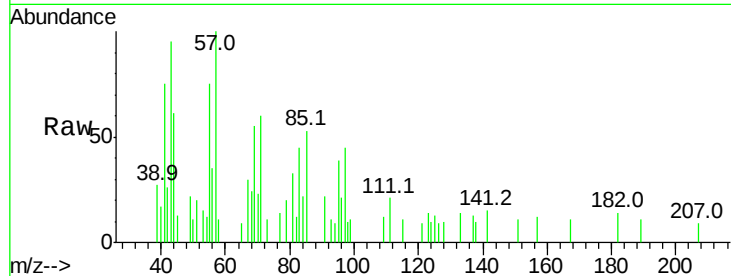




#61
4-Nitroaniline
Concen: 0.024 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.18 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

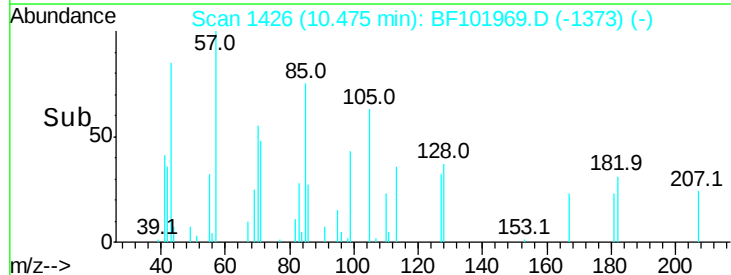
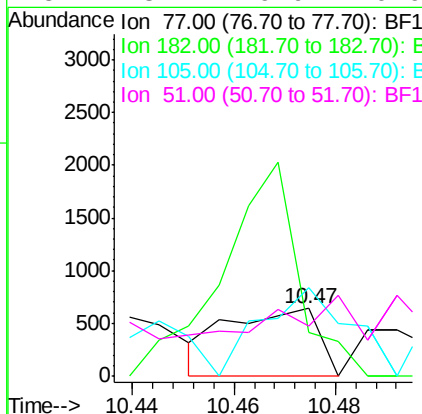
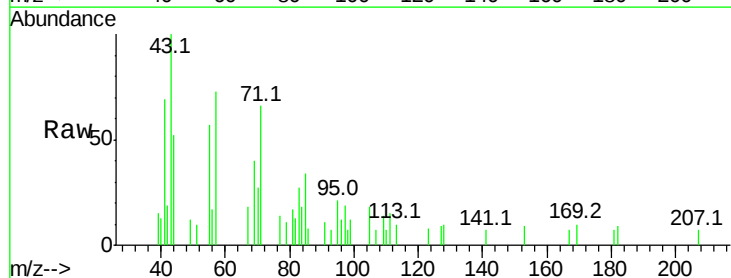
Instrument :
BNA_F
ClientSampleId :

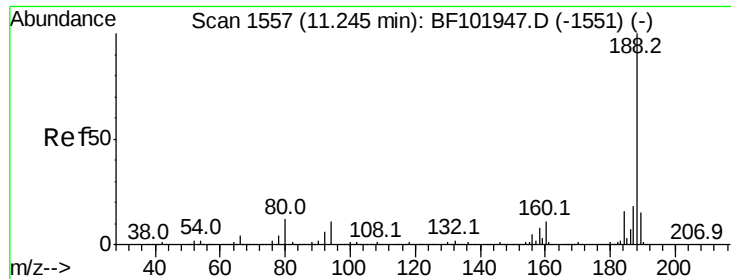
Tot Ion:138 Resp: 119
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



#62
Azobenzene
Concen: 0.038 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion: 77 Resp: 790
Ion Ratio Lower Upper
77 100
182 63.6 1.7 41.7#
105 130.2 3.0 43.0#
51 73.1 9.9 49.9#

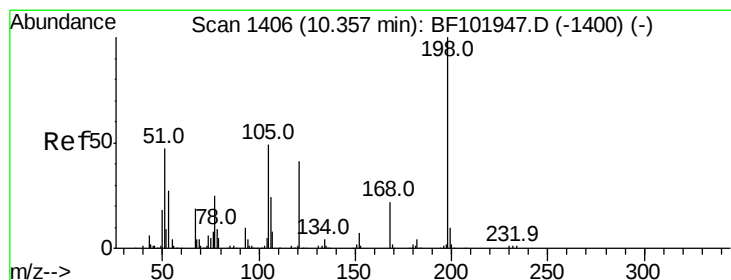
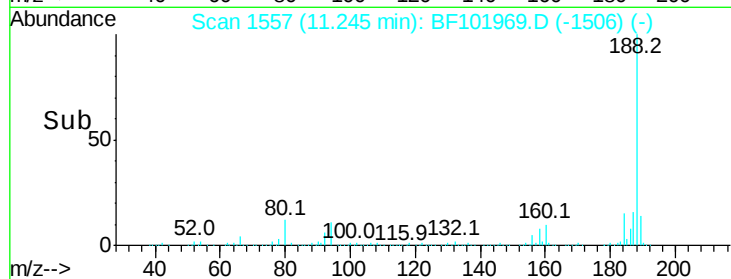
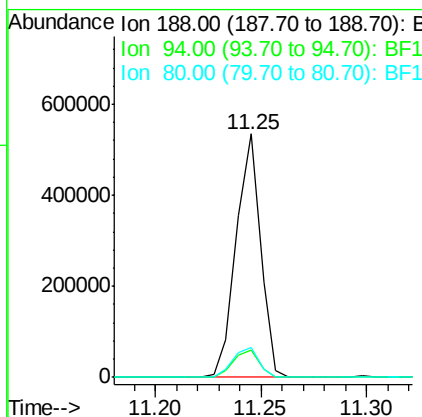
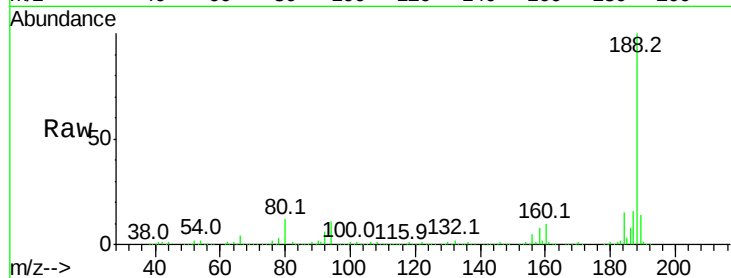




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

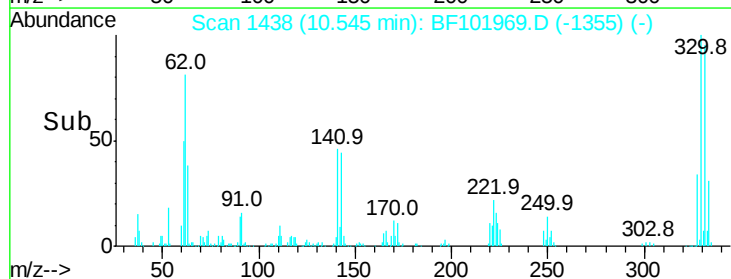
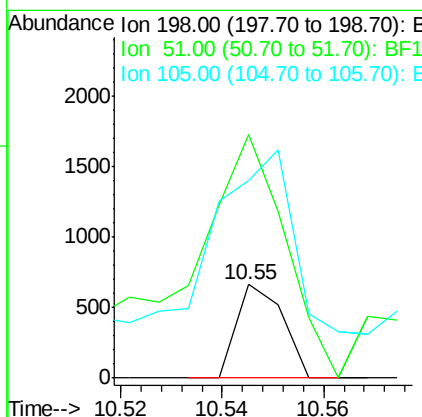
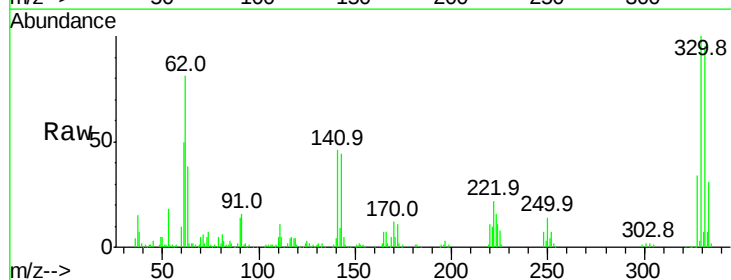
Instrument :
BNA_F
ClientSampleId :

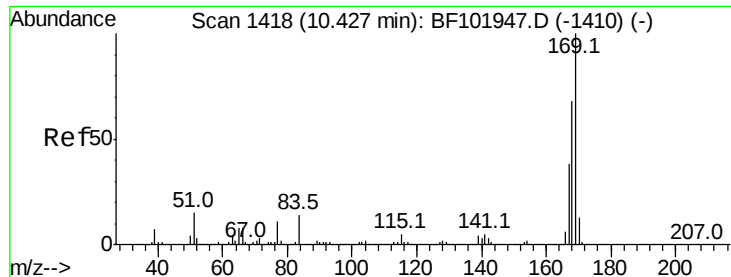
Tot Ion:188 Resp: 424750
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.5 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.821 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:198 Resp: 416
Ion Ratio Lower Upper
198 100
51 260.7 37.7 77.7#
105 211.8 36.3 76.3#

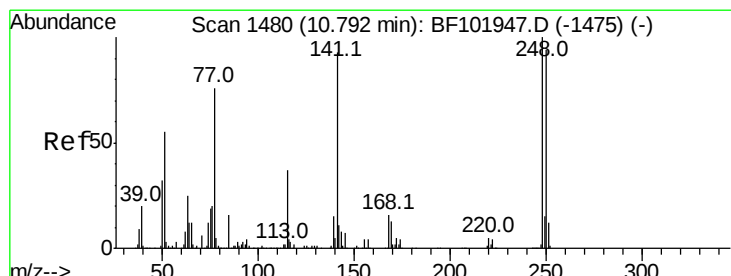
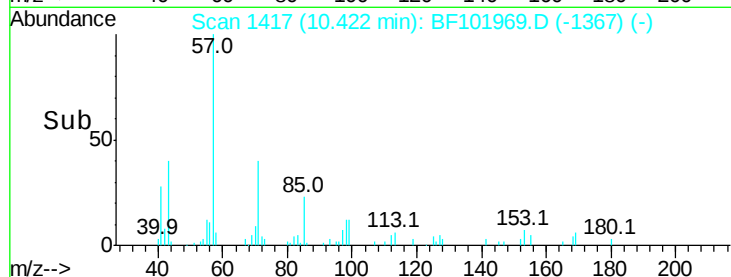
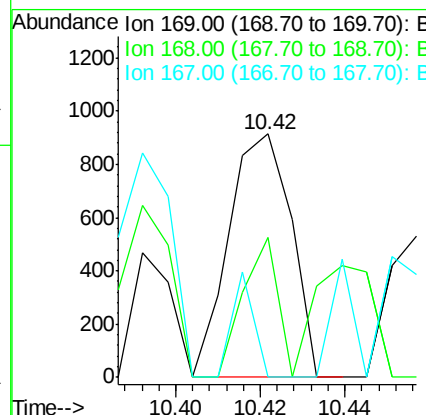
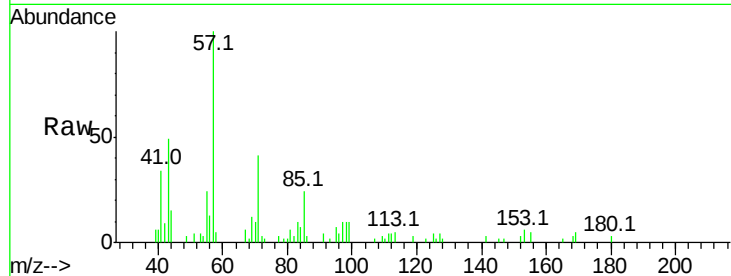




#65
 n-Nitrosodiphenylamine
 Concen: 0.059 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

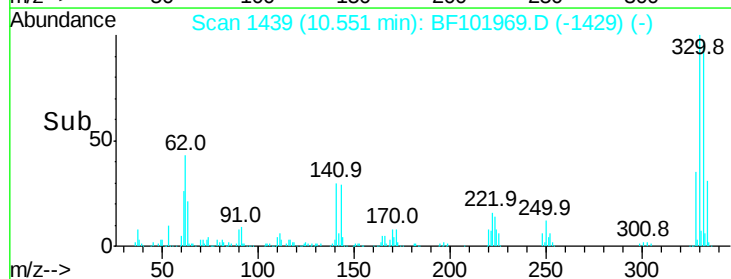
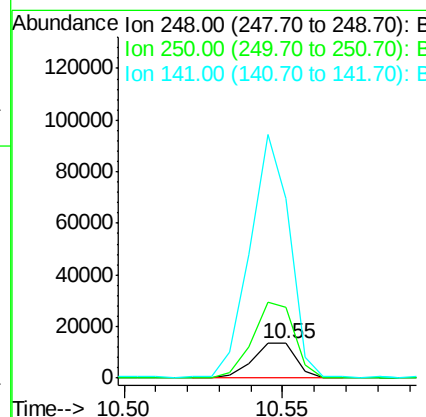
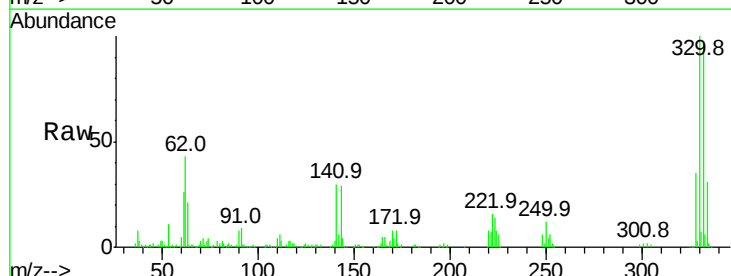
Instrument :
 BNA_F
 ClientSampleId :

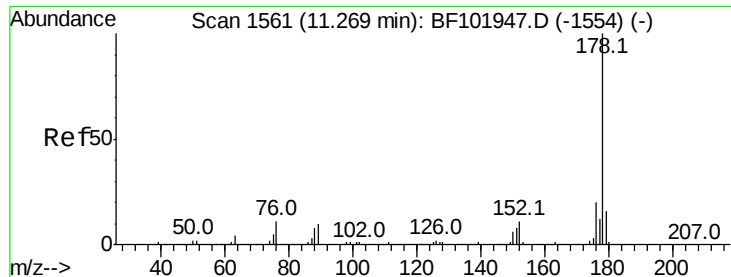
Tot Ion:169 Resp: 935
 Ion Ratio Lower Upper
 169 100
 168 57.7 54.4 81.6
 167 0.0 29.8 44.6#



#66
 4-Bromophenyl-phenylether
 Concen: 2.857 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF101969.D
 Acq: 9 Jan 2018 22:51

Tgt Ion:248 Resp: 12816
 Ion Ratio Lower Upper
 248 100
 250 205.3 76.9 115.3#
 141 517.6 74.4 111.6#

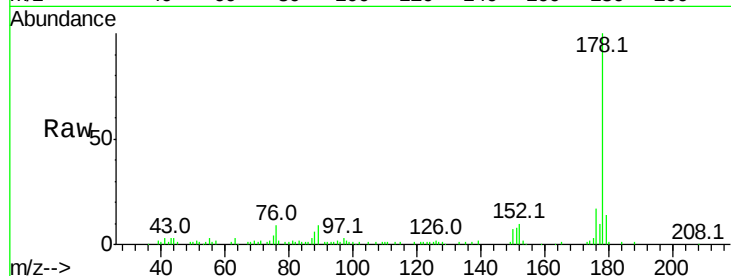




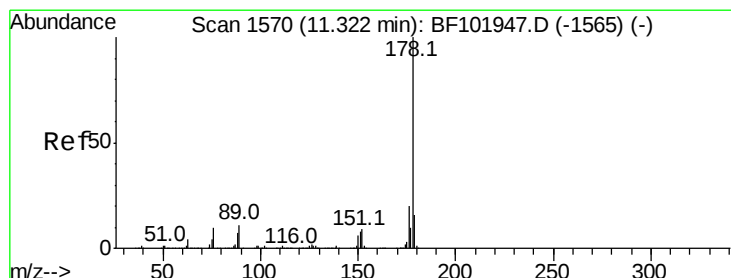
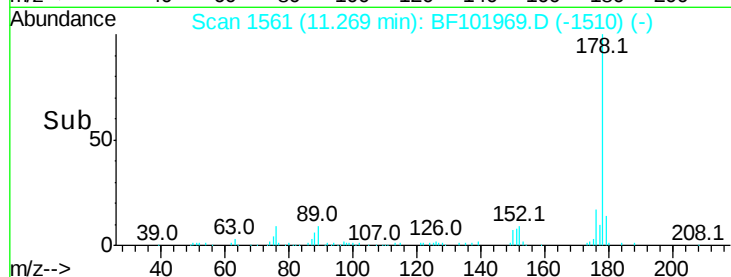
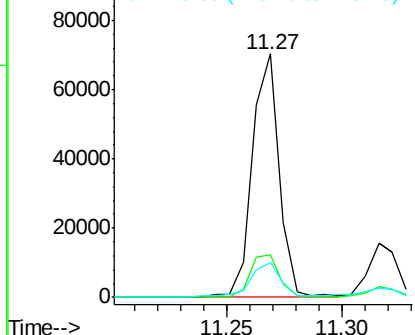
#70
Phenanthrene
Concen: 2.313 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 57388
Ion Ratio Lower Upper
178 100
176 17.5 15.8 23.8
179 14.5 13.0 19.6

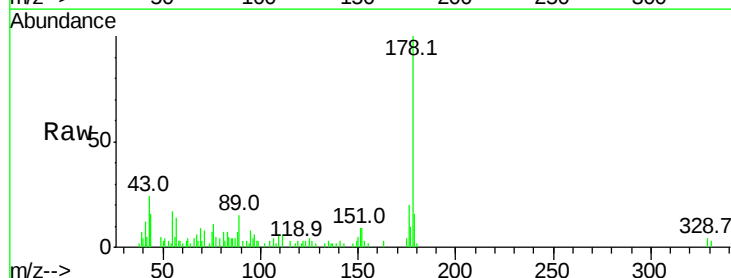


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

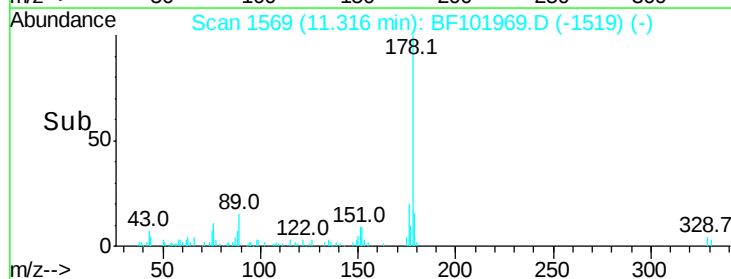
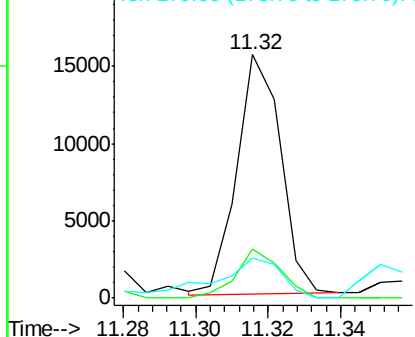


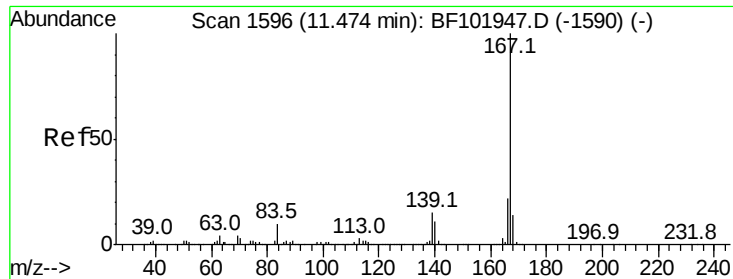
#71
Anthracene
Concen: 0.518 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:178 Resp: 13028
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.2
179 16.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.239 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

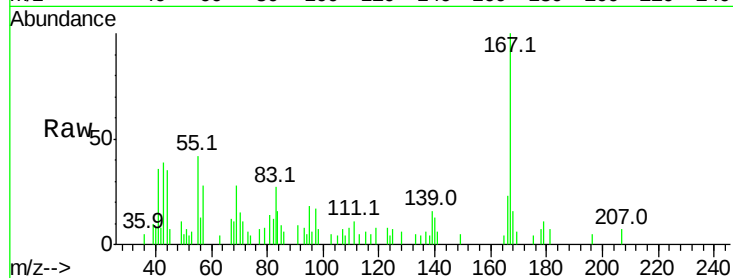
Tot Ion:167 Resp: 5911

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

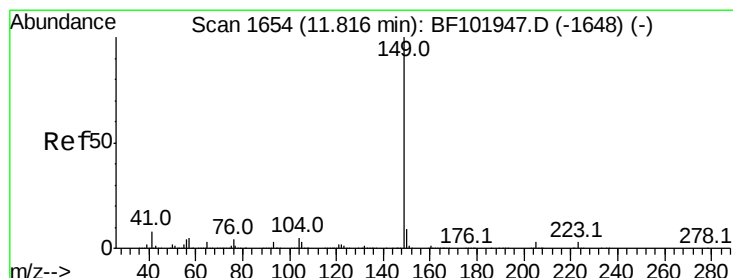
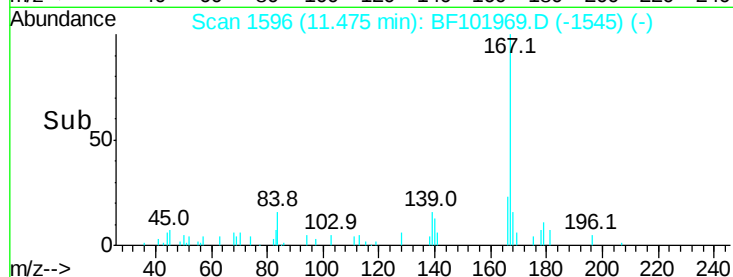
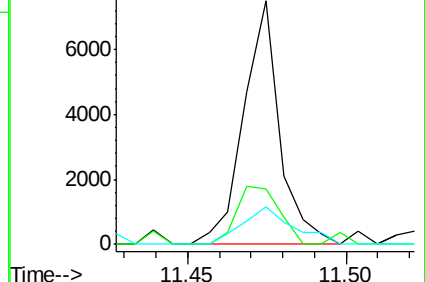
139 15.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.092 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

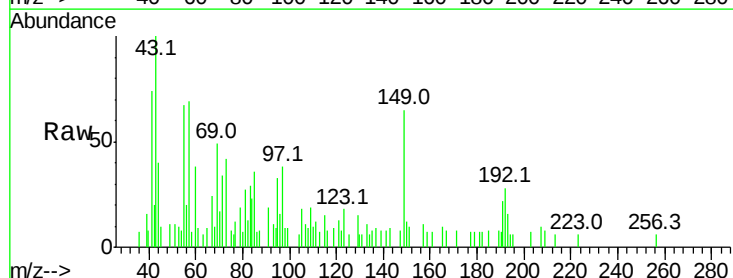
Tgt Ion:149 Resp: 2805

Ion Ratio Lower Upper

149 100

150 18.1 7.8 11.6#

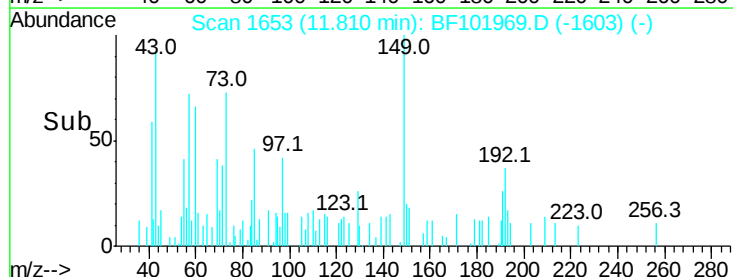
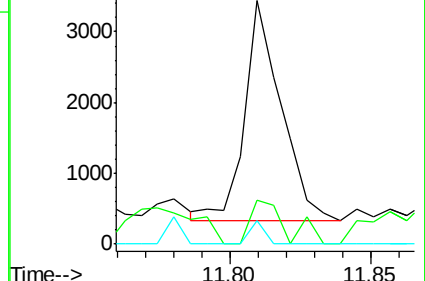
104 9.4 3.8 5.8#

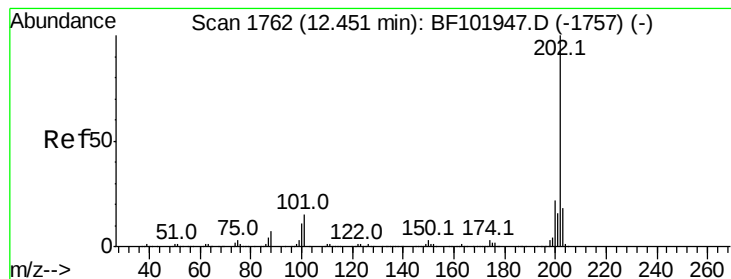


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 4.387 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

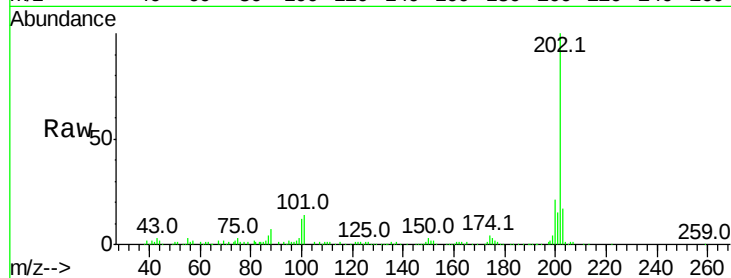
Tot Ion:202 Resp: 107083

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

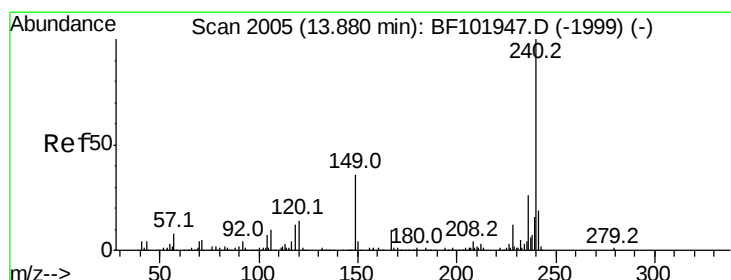
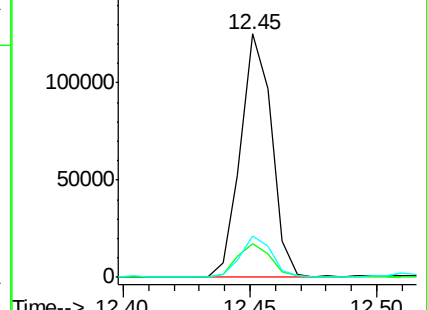
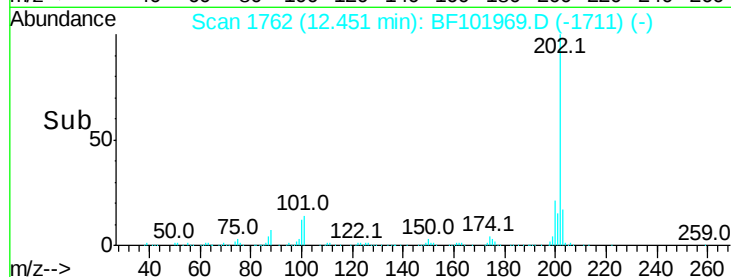
203 16.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

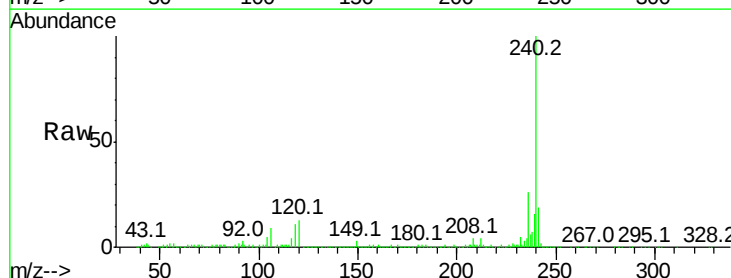
Tgt Ion:240 Resp: 413198

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

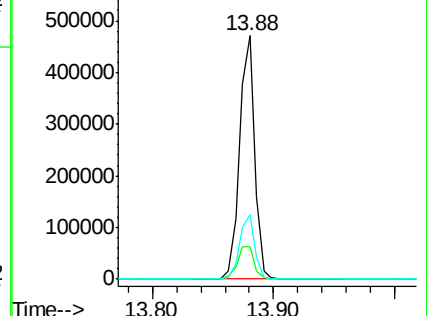
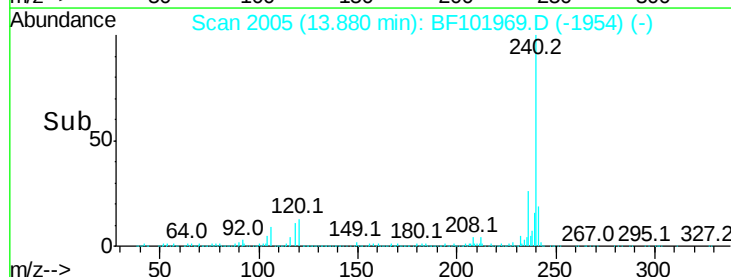
236 26.4 20.7 31.1

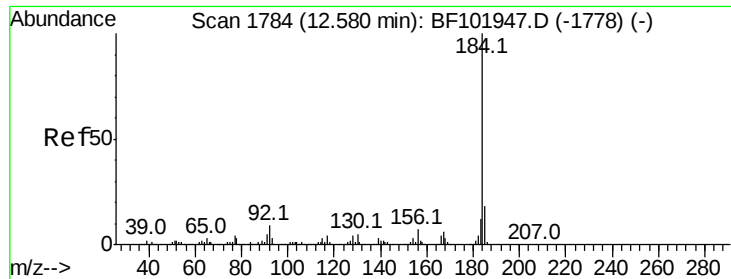


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.546 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.25 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

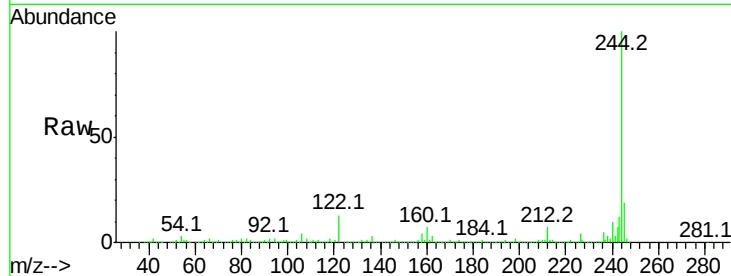
Tot Ion:184 Resp: 10901

Ion Ratio Lower Upper

184 100

185 20.1 12.6 18.8#

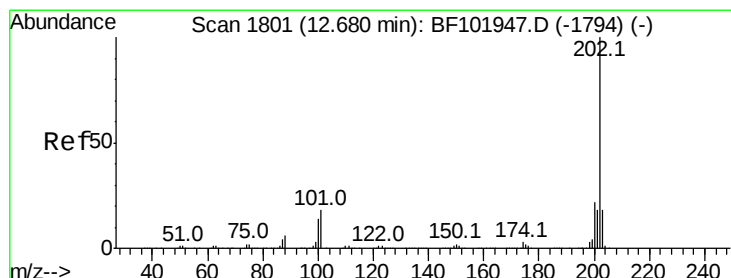
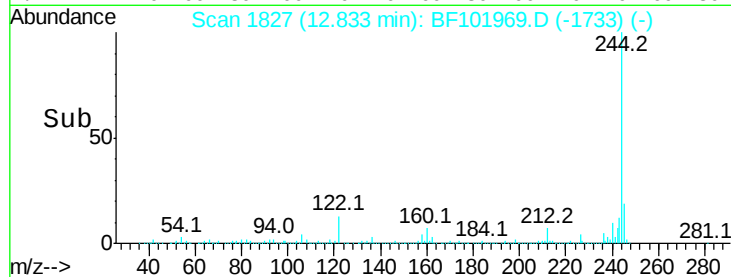
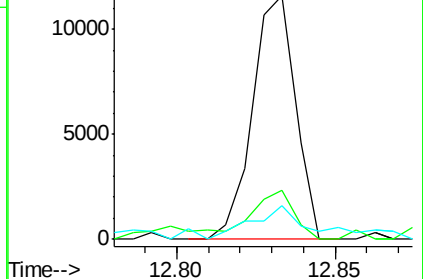
183 13.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 2.800 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

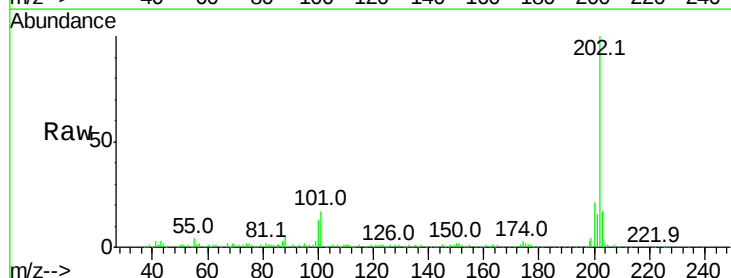
Tgt Ion:202 Resp: 102254

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

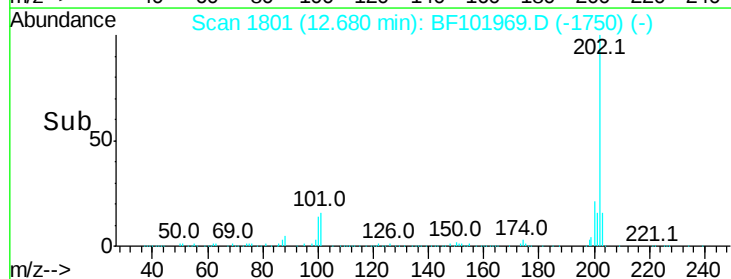
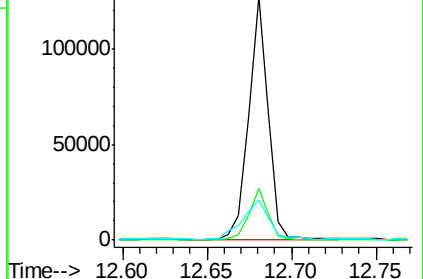
203 16.7 14.3 21.5

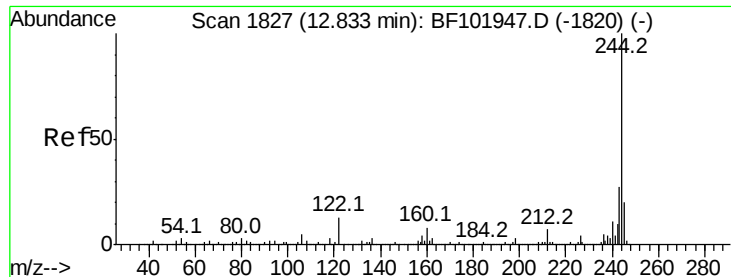


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 42.339 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Instrument :

BNA_F

ClientSampleId :

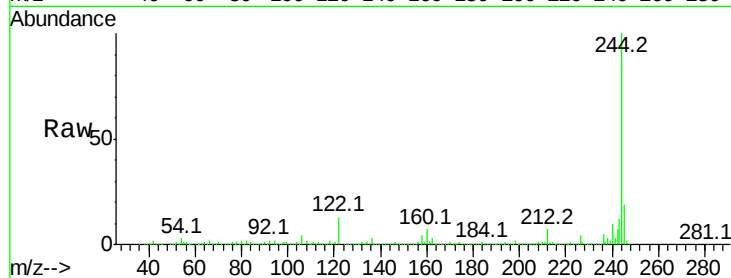
Tot Ion:244 Resp: 842589

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

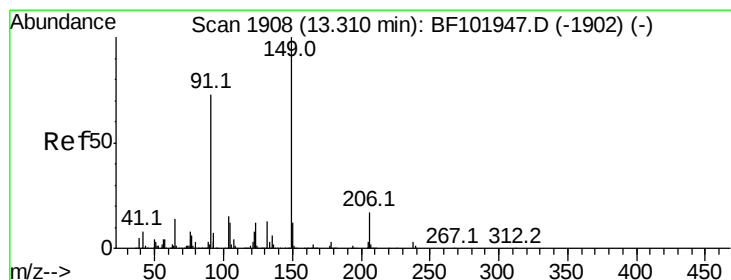
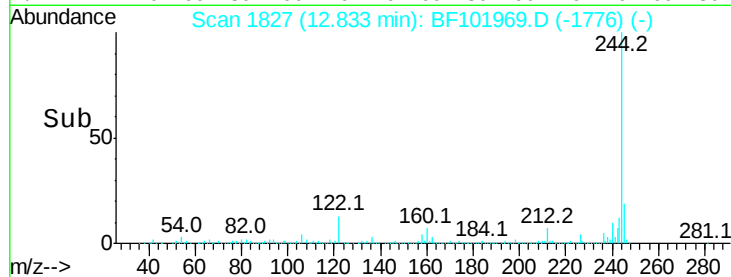
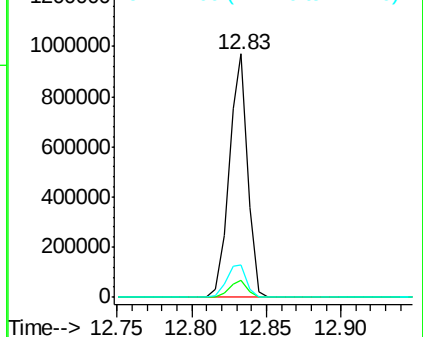
122 13.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.142 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

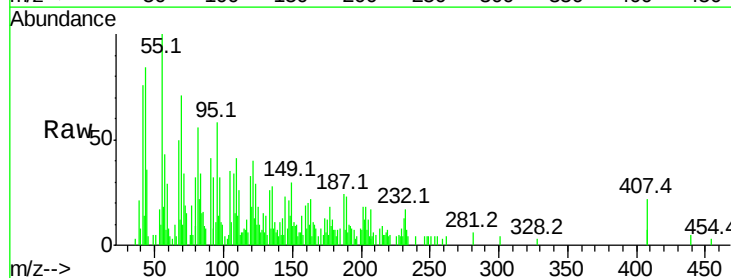
Tgt Ion:149 Resp: 2383

Ion Ratio Lower Upper

149 100

91 138.6 56.8 85.2#

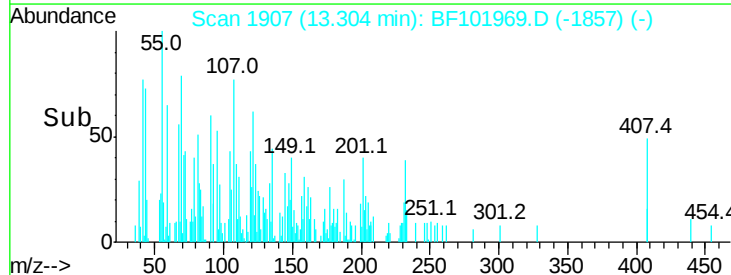
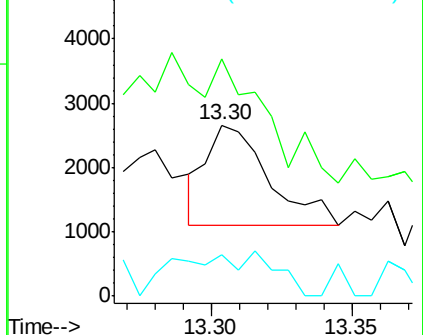
206 24.1 14.1 21.1#

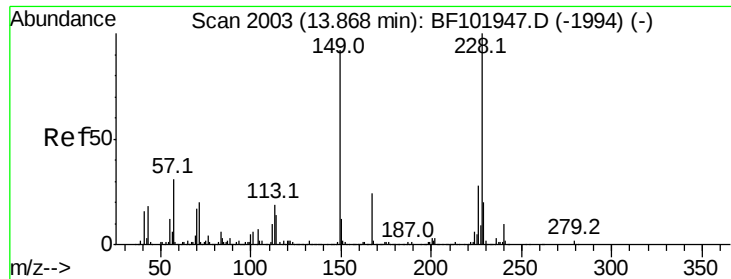


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

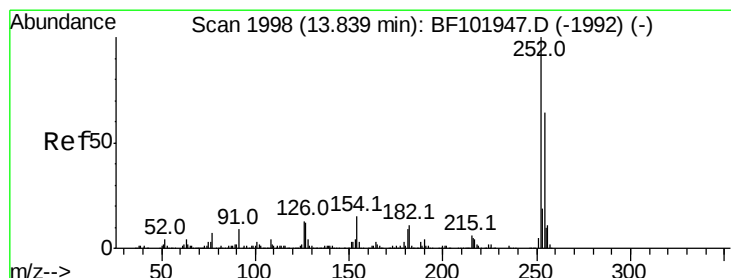
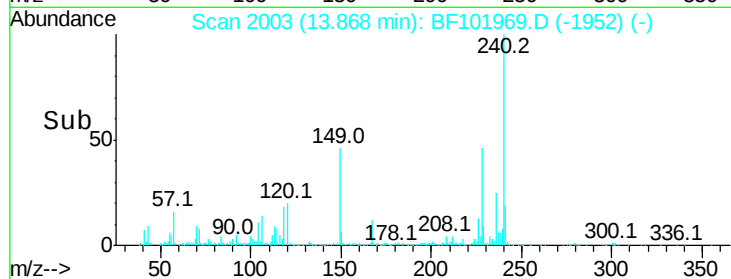
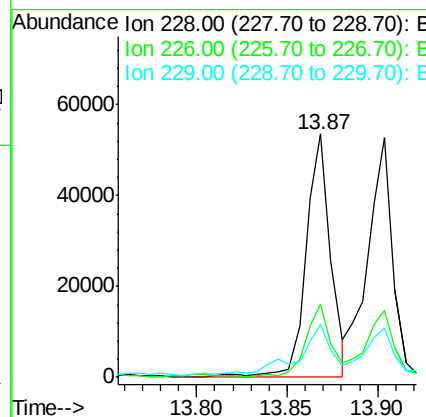
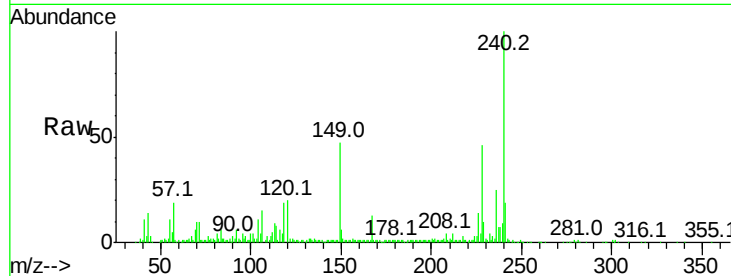




#80
Benzo(a)anthracene
Concen: 1.932 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

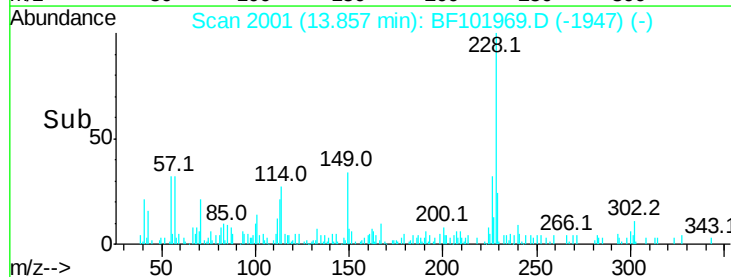
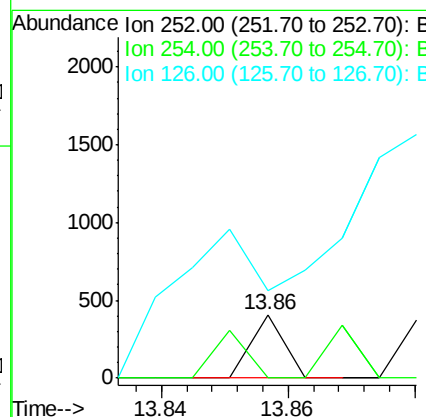
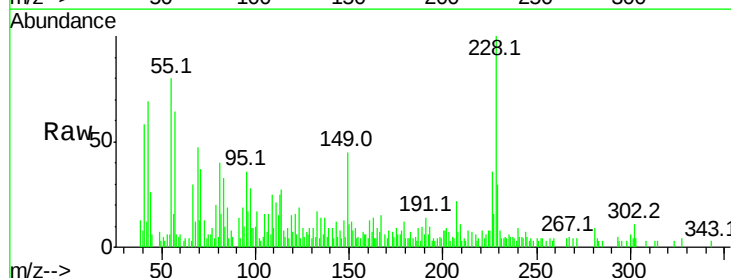
Instrument :
BNA_F
ClientSampleId :

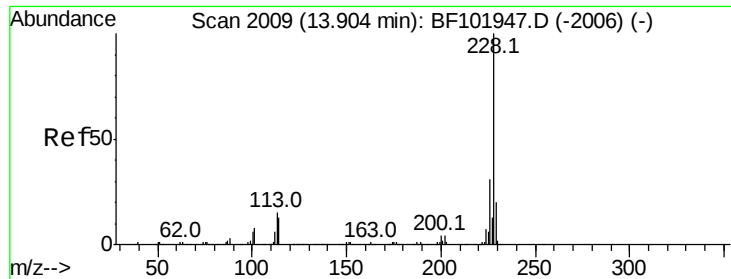
Tot Ion:228 Resp: 50932
Ion Ratio Lower Upper
228 100
226 30.4 22.6 33.8
229 21.7 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 0.015 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:252 Resp: 144
Ion Ratio Lower Upper
252 100
254 0.0 50.4 75.6#
126 137.7 11.3 16.9#





#82

Chrysene

Concen: 1.862 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

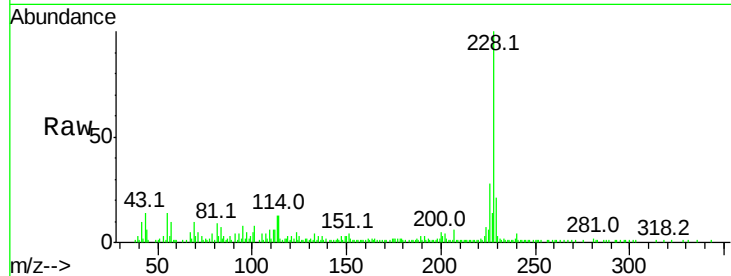
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 51199

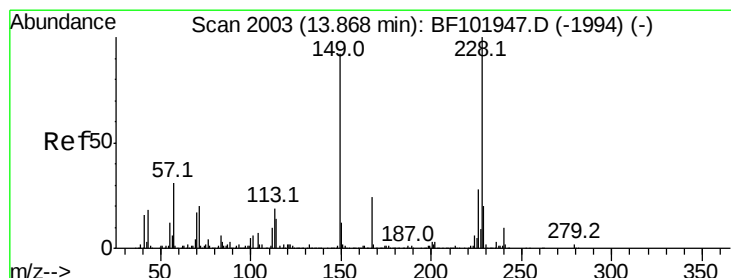
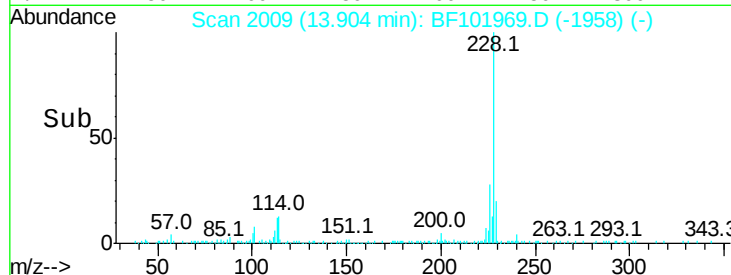
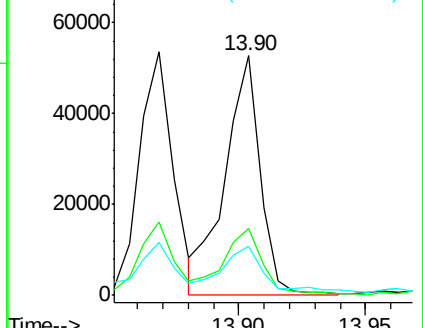
Ion	Ratio	Lower	Upper
228	100		
226	28.0	25.0	37.6
229	20.7	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.590 ng

RT: 13.87 min Scan# 2003

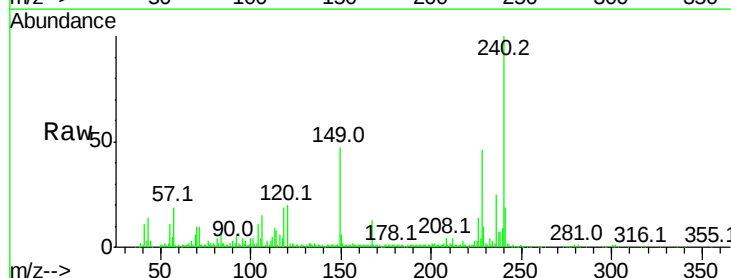
Delta R.T. 0.00 min

Lab File: BF101969.D

Acq: 9 Jan 2018 22:51

Tgt Ion:149 Resp: 49799

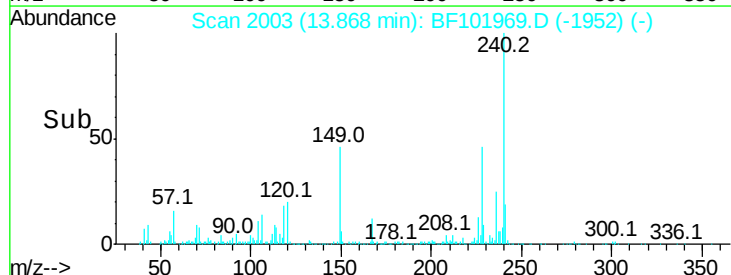
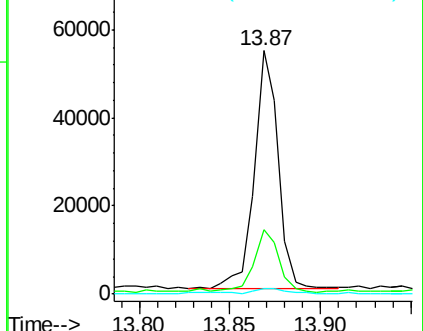
Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	2.5	3.0	4.4#

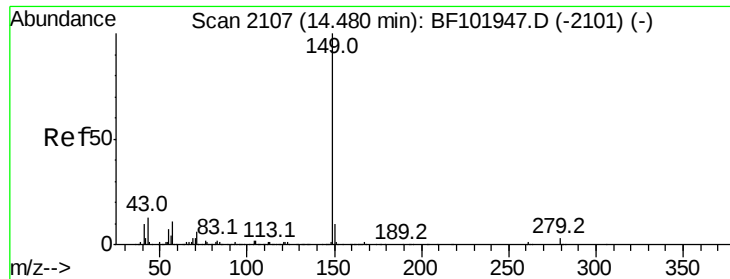


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

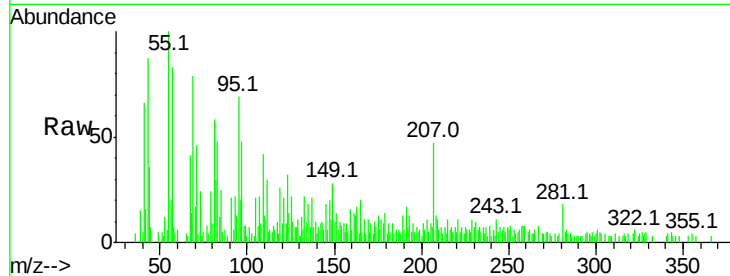




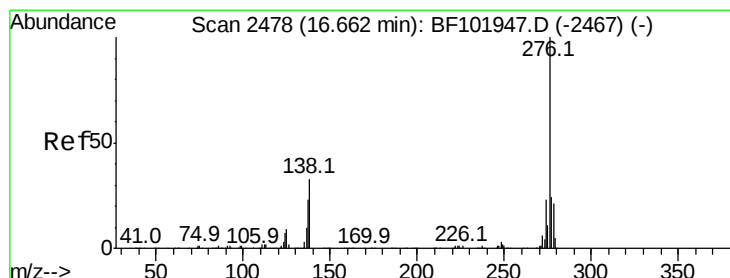
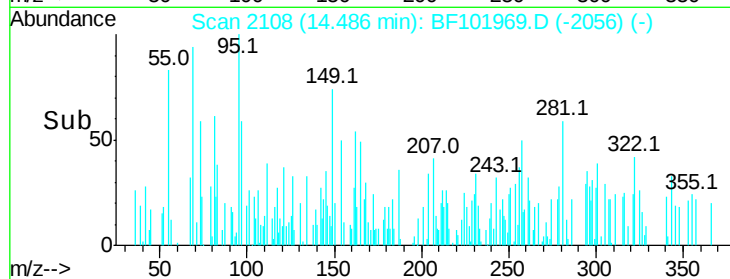
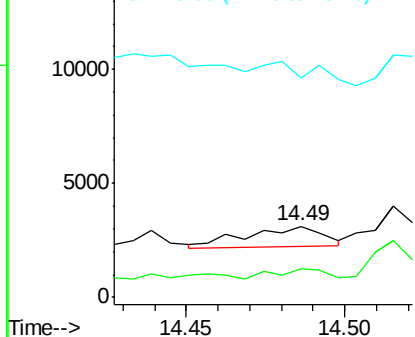
#84
Di-n-octyl phthalate
Concen: 0.046 ng
RT: 14.49 min Scan# 2108
Delta R.T. 0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1472
Ion Ratio Lower Upper
149 100
167 36.0 1.2 1.8#
43 0.0 8.4 12.6#

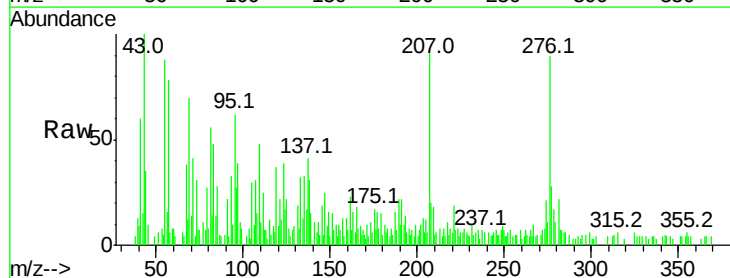


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

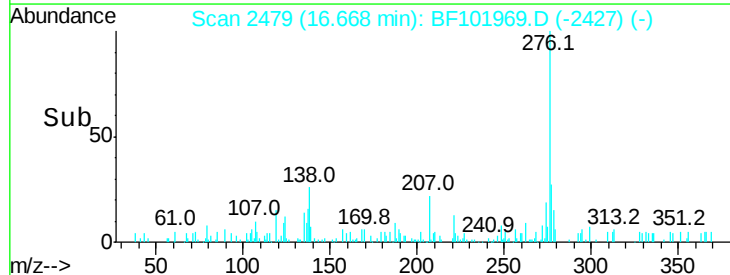
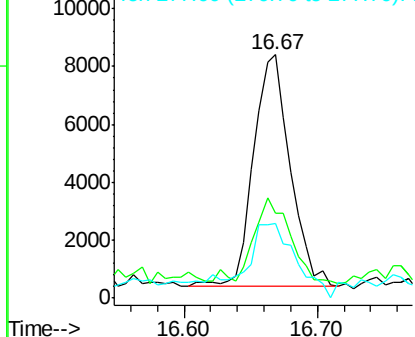


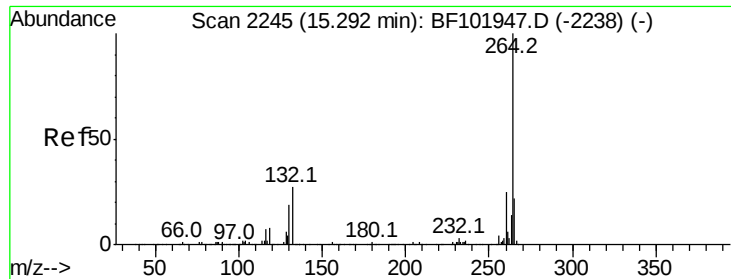
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.757 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:276 Resp: 15143
Ion Ratio Lower Upper
276 100
138 36.7 25.0 37.6
277 40.3 20.1 30.1#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

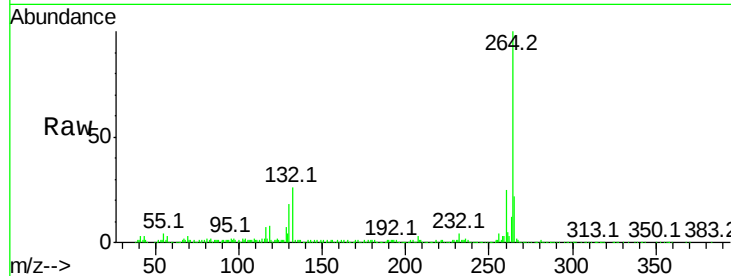




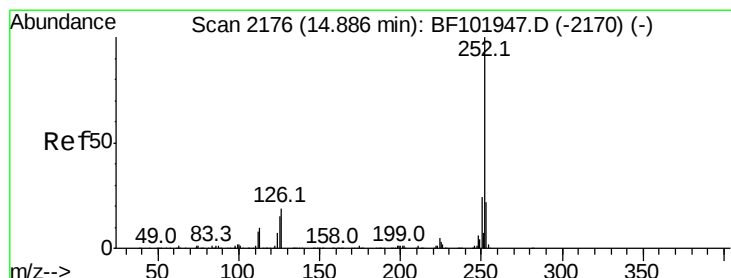
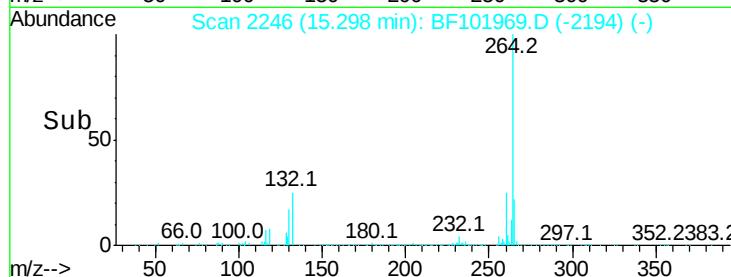
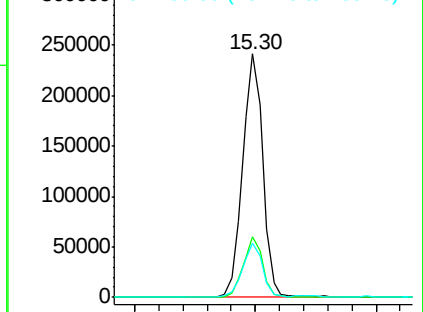
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.3	17.5	26.3

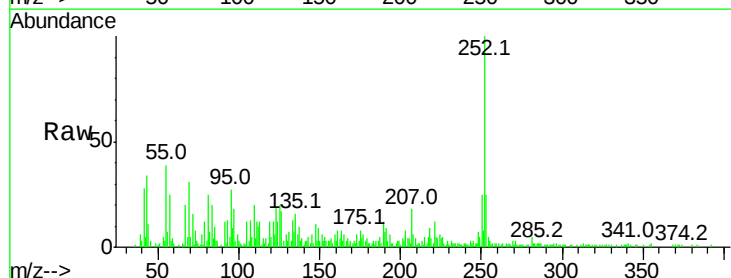


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

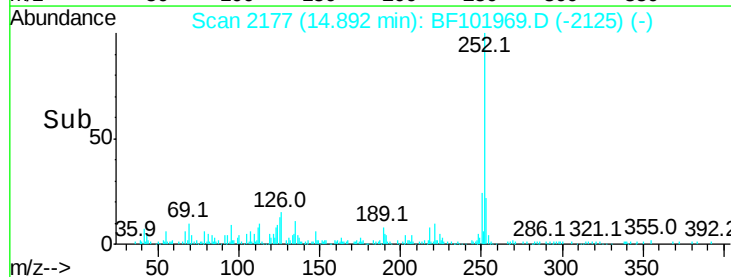
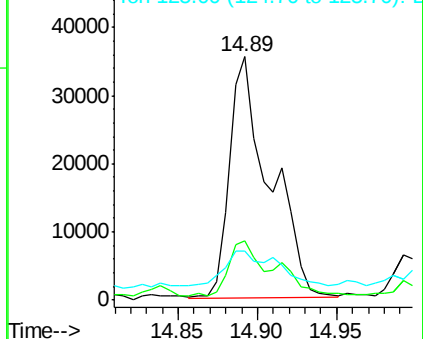


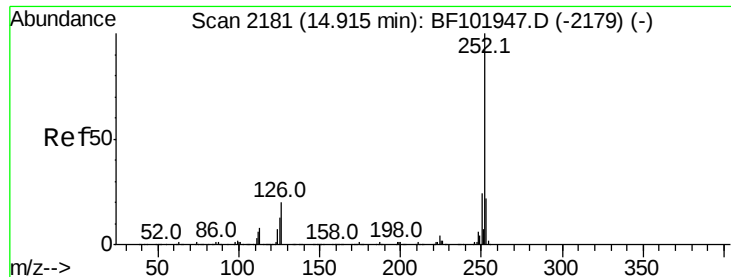
#87
Benzo(b)fluoranthene
Concen: 3.381 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	20.3	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

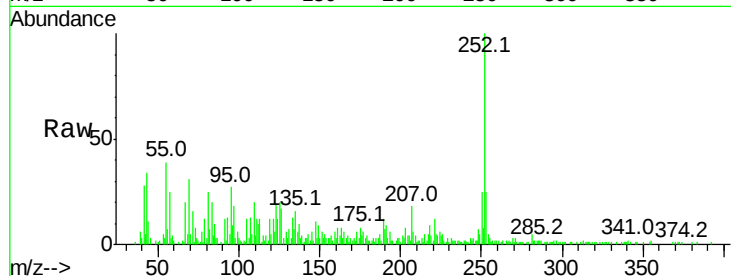




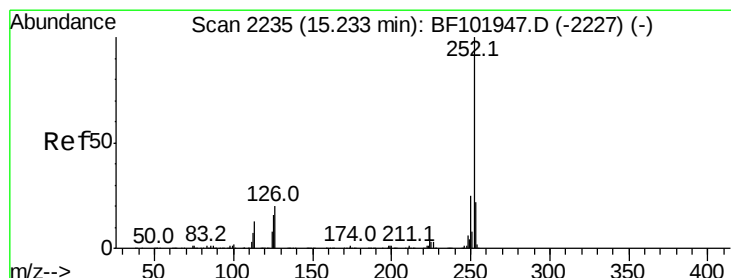
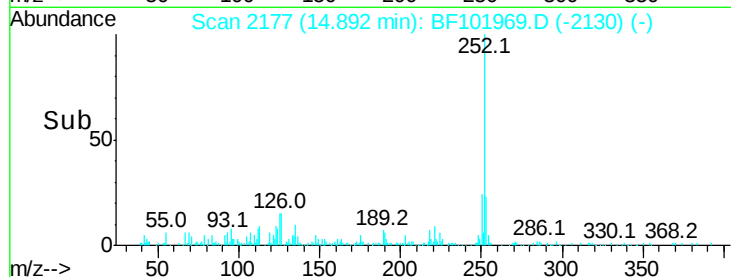
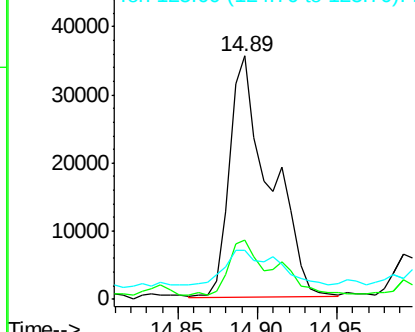
#88
Benzo(k)fluoranthene
Concen: 3.504 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	20.3	10.2	15.2

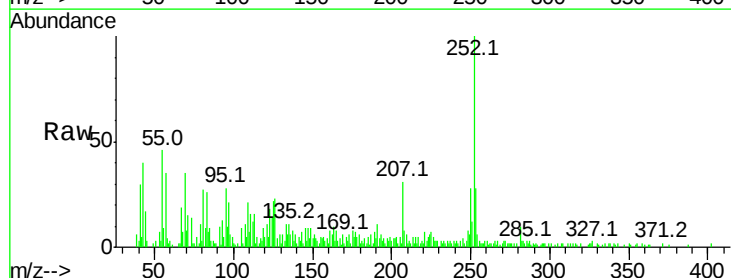


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

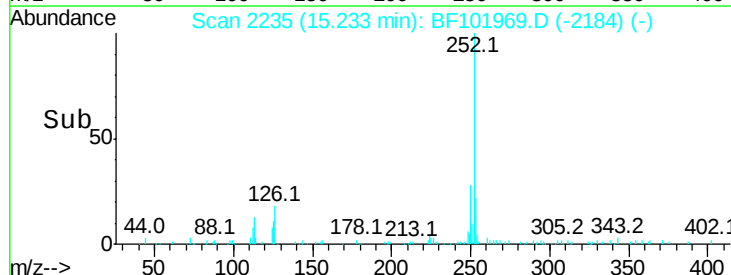
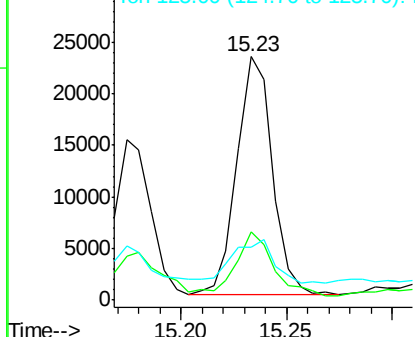


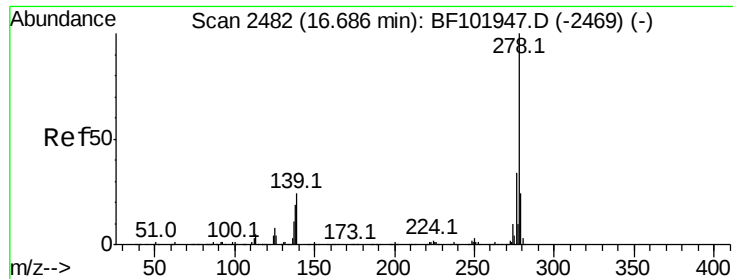
#89
Benzo(a)pyrene
Concen: 1.620 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.1	25.7
125	21.9	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

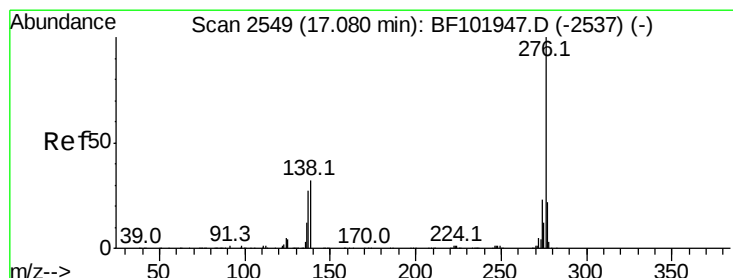
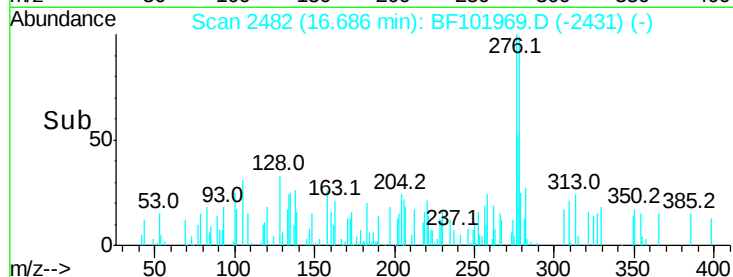
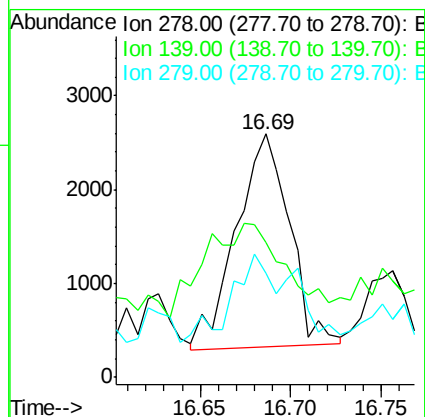
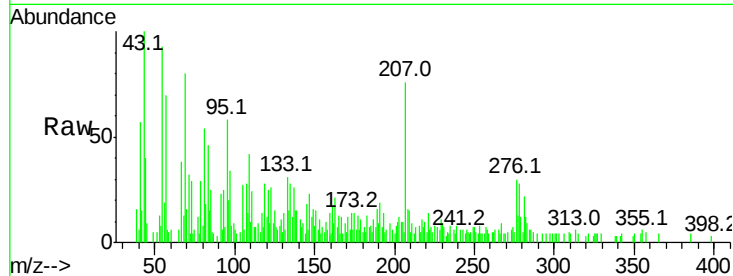




#90
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 4635
Ion Ratio Lower Upper
278 100
139 55.1 15.9 23.9#
279 42.8 19.0 28.4#



#91
Benzo(g,h,i)perylene
Concen: 1.300 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF101969.D
Acq: 9 Jan 2018 22:51

Tgt Ion:276 Resp: 17448
Ion Ratio Lower Upper
276 100
277 28.7 17.9 26.9#
138 32.4 21.8 32.8

